# The Mining Immal,

# RAILWAY AND COMMERCI

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES. [The MINING JOURNAL is Registered at the General Post Office as a Newspaper, and for Transmission Abroad.]

No. 2586.-Vol. LV.

LONDON, SATURDAY, MARCH 14, 1885.

WITH SUPPLEMENT. SIXPENCE BY POST, £1 4s. PER ANNUM

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200 Killifreth, 1ls. 6d.
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25 La Trinidad, £5 2s. 6d.
25 Le Artinidad, £5 2s. 6d.
25 Marke Valley, 9s.
20 Mason & Barry, 8 2s. 6
36 Mounta Bay, 2s. 3d.
200 Lisbon-Berlyn, 6s.
200 Mason & Barry, 8 2s. 6
300 Mounts Bay, 2s. 3d.
300 Mounts Bay, 2s. 3d.
300 New Chile, 16s. paid, 7s.
300 New Caradon, 50
300 New M. Caradon, 50
300 New W. Caradon, 1s. 6
300 New Gallao, 4s. 9d.
300 New W. Caradon, 1s. 6
300 New Gallao, 4s. 9d.
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300 New G 8PECIAL DEALINGS in the state of the state o SPECIAL DEALINGS in the following (or part): 100 E. Bute Fard, 2a, 9d, 20 East Lovell, 20 East Viv. Rose, 5s, 6d 25 Ecton, £1 4s, 2 Et Callano, £57 1/s, 150 Frontino, 2s 50 Goginan, 1s, 6d, 100 Gold Coast, 2s 150 Glerneck, 2s, 3d, 30 Great Holway, 20 Great Laxey, £9.

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BUSINESS in all the above, and fortnightly accounts opened.

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or SOLD, SPECIAL BUSINESS in: —
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And other COMMERCIAL or INDUSTRIAL SHARES. "," Special Business in Bryant and May (Limited). SHARES SOLD for FORWARD DELIVERY (ONE, TWO, or THREE MONTHS) on DEPOSIT of TWENTY PER CENT.

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DIAMOND SHARES OF SOUTH AFRICA.—
ADAMANT DIAMOND.
ANGLO AFRICAN.
BRITISH DIAMOND.
BERTISH DIAMOND.
FRENCH DIAMOND.
SCHWAB'S GULLY,

BUSINESS in the ABOVE at OLOSE MARKET PRICES for USUAL FORT-HIGHTLY SETTLEMENT. SHARES SOLD for FORWARD DELIVERY (ONE, TWO, or THREE MONTHS) on DEPOSIT of TWENTY PER CENT.

JAMES H. CROFTS, 1, FINOH LANE, LONDON. SCHWAB'S GULLLY DIAMOND SHARES.—
The usual quarterly dividend has just been paid at the rate of 20 per cent, per annum. This company in about three years has paid back to the chareholders in the shape of dividends about 75 per cent, of the entire capital. The shares are £10 each, fully paid, and at current price yield about 40 per cent.

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100 Nouweau Monde, 2s.
100 Nouweau Monde, 2s.
100 Nouweau Monde, 2s.
100 Nouwest Caradon.
100 New West Caradon.
100 Now West Caradon.
100 Now West Caradon.
100 Nouwest Monde, 5s. 6d.
100 Old Shepherds, 5s. 6d.
100 Old Shepherds, 5s. 6d.
100 Organos, 9s. 9d.
100 West Callao, 2s. 9d.
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50 Colombian Hyd., 9s. 6
30 California Gold, 5s. 3d.
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100 Denver, 2s.
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100 Don Pedro, 3s. 3d.
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50 East Wheal Rose, 5s.
2 E1 Callao, £57.
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ESTABLISHED 1851.

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150 Devala Moyar, 3s. 9d.
150 New Chile, 7s.
150 Devala Moyar, 3s. 9d.
150 Marke Valley, 6s. 6d.
150 Eberhardt, 3s.
150 New Potosi, 12s. 3d.
150 West Godolphin, 18s.
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M. R., J., G. R. A. N. T. M. A. C. L. E. A. N., SHAREBROKER AND IRONBROKER, STIRLING, N.B., Refers to his Share Market Report on page 297 of to-day's Journal.

MESSRS. PENNINGTON AND CO., SWORN BROKERS AND SHARE DEALERS, 13, MOORGATE STREET, LONDON, E.C. BUSINESS in all DESCRIPTIONS of STOCKS, MINING and other SHARES. ESTABLISHED 1869—BANKERS ALLIANOE (Limited).

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POLBERRO.
Mr. REYNOLDS will give 41s. per share net cash for any part of 500 Shares.
Mr. REYNOLDS is also a buyer of any part of 500 shares herein.
Mr. REYNOLDS again recommends the purchase of these securities.
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COLLIERY, MINING, and OTHER ENGINEERS wanting articles in STEEL to RESIST GREAT WEAR AND TEAR, combining lightness and strength, avoid stoppages, breakdowns, &c., see page 294.

ATTERCLIFFE, SHEFFIELD

COMPANY, HECLA WORKS,

FOUNDRY

STEEL

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This sketch is engraved from Photo of a pair of Hadfield's in. Steel Whoels and Axies, hich accidentally fell down a baft 600 yards deep in Staf-rdshire. Beyond being bent a shown they were uninjured, sing neither broken nor even acked. As regards durabilid. As regards ingineer of Augustilustrates one of 9 in. Colliery V and been at work making in that ,000 revolutions, 41.000 miles, c

#### ONE-AND-A-HALF MILLION.

We also solicit attention to the following articles, which, in addition to our well-known Patent Steel Wheels and Axles, we are also now largely supplying in our CAST STEEL, on account of their great strength combined with durability and lightness.

Rollers, Pulleys, Angle Sheaves, Frames, Stands, &c.—See our lists of over 280 different patterns. They possess great durability, lightness, and strength, and add considerably to the life of the steel or other ropes.

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Self-oiling Wheels (Patent)—Many thousands now at work.

Save at least 50 per cent, of oil or grease. Easily charged or re-filled. Reduce friction and wear and tear to a minimum

Pedestals, Bushes, Cage Guides, Buffer Boxes, Points,
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Over 2000 different patterns of above in stock, ready for
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Miscellaneous Steel Castings, up to 16,000 lbs. each, to replace expensive wrought-iron and steel forgings, and heavy iron eastings.

The above sketch shows a tensile specimen (one-third full size,) turned out of one of Hadfield's unhammered Steel Castings, tested by H.M. Gort. and second 45 toms per square inch, tensile strain, and 20 per cent. clongation. Our raw material, and finished Steel Castings are subject to strict chemical analyses, and tested for mechanical strength by H.M. Gork, Kirkaldy, Admirallovt., Kirkaldy, Adr fs.Kennedy, Huntin



#### Intelligence.

### TRADEMARKS FOR GALVANISED IRON.

In the Chancery Division, on Monday, Messrs. Davies and Co., of the Crown Galvanised Ironworks, Wolverhampton, applied to Mr. Justice Chitty for the direction of the Court that a trademark which had been used by them ever since 1872 might be registered old mark.

ss an old mark.

Mr. Aston, Q.C., and Mr. Willis Bund appeared for Messrs. Davies
and Co.; Mr. Romer, Q.C., and Mr. John Cutler opposed for Messrs.

Heherington.

According to Mr. Aston's statement of the applicants' case, application was originally made for the registration of two marks, 29,179 and 29,188, set out in the Trademark Journal. One of the marks in question was a combination of words, "Crown Brand." That was the trademark of 1879, and the other was a combination of a greater number of words, "Davies 'Crown Brand' Brothers." When the application was first made it was opposed by Messrs. Hetherington, who were now opposing. Messrs. Davies and Co. alleged that they and Messrs. Hetherington had a brand which at the application for registering the 1879 mark was not proceeded with, because Messrs. Hetherington agreed they would not oppose if they would not apply for registration of the compound trademark of 1880. Messrs. Davies and Co. accordingly abstained from proceeding with the application of 1879, although it was an old mark, and they believed they could support their claim; but, inasmuch as the 1879 mark was incorporated with the application of 1880. Messrs. Davies and Co. had been satisfied to stand on their application for the major combination. They were now aggreeved by Messrs. Hetherington opposing their application for leave to register the compound combined mark of 1880 averring as a reason that at the time the agreement was made they had not taken legal advice on the subject.

Mr. ROMER, interposing, said his clients alleged that there was no agreement. It had been said that the agreement was contained in a letter, which Messrs. Davies and Co. had done anything to preclude them from opposing. After some further observations, his lordship said, if the words "Crown Brand" were common the applicants could not register without a note disclaiming the common words.—

Mr. Astron said his application was that the words "Davies Brothers" might be registered in combination with common words.—Mr. Justice Chitty said that would not do.

Mr. Astron then proceeded to show, according to the evidence, that the words "Crown Brand" had never been used in c According to Mr. Aston's statement of the applicants' case, appli-

Mr. Aston then proceeded to show, according to the evidence, that the words "Crown Brand" had never been used in connection with galvanised iron, though he admitted that both in the galvanised and the black iron trades it had been sent to be a second to the sent to the sen

that the words "Crown Brand" had never been used in connection with galvanised iron, though he admitted that both in the galvanised and in the black iron trades it had been common to stamp the goods with a crown as an emblem.

Mr. Justice Chittyr, in giving judgment without calling upon the opponents' counsel, said that Messrs. Davies Brothers sought to register the words "Davies 'Crown Brand' Brothers," and they seught to register under the Act which had been repealed. The applicants proved that they had used the words "Crown Brand" in combination with the words "Davies Brothers," before the Act of 1875 was passed, and therefore it was what was called an old mark, and that they were prima facive entitled to register. The case made on the other side was that the term "Crown" was common to the trade, and in support of that contention they read several affidiavits. Messrs. Hetherington said the words "Crown Brand" were and had been used for a very long time to denote the goods of various manufacturers of galvanised iron, and they gave instances of more than three. Mr. Tidd said the emblem of a crown and the word "crown" were common to the galvanised iron trade; and Mr. Walker also (all these witnesses being in the trade) said that his firm registered in May 1877, the trade mark of a crown with the letter "W. Messrs. Davies had filed an affidavit which their counsel, Mr. Asion and Mr. Willis Bund found great difficulty in dealing with, because instead of informing the Court of facts it was merely an argument, and did not show that the applicants pledged their belief that a instead of informing the Court of facts it was merely an argument, and did not show that the applicants pledged their belief that a crown, or the words "Crown Brand," had not been commonly used crown, or the words "Crown Brand," had not been commonly used the trade. The case therefore made by the respondents remained wholly uncontradicted, and he came to the conclusion that "Crown" and "Crown Brand" were common to the galvanised iron trade, and could not be registered without a disclaimer to that effect.

#### EDINBURGH COURT OF SESSION.

FIRST DIVISION-TUESDAY, March 10.

(Before the LORD PRESIDENT, Lords MURE, SHAND, and ADAM ) PETITION .- ALEX. MOORE, C.A., LIQUIDATOR IN THE WINDING-UP OF DAVID SWAN AND COMPANY (LIMITED) AND OTHERS.

of David Swan and Company (Limited) and others.

A petition has been presented to the First Division by Alex.
Moore, C.A. liquidator in the winding-up of David Swan and Co.
(Limited) for continuing the winding-up, subject to the supervision of the Court. The petition states that David Swan and Co. (Limited) was incorporated on Jan. 23, 1880, the object of the company being to take a lease of the spelter manufacturing works belonging to Mr. David Swan, spelter manufacturer, Maryhill, to carry on the spelter manufacture there, and to lease or purchase mines in Greece for the working of calamine ore. The capital of the company was 40,000l., divided into 4000 shares of 10l. each, of which 1475 were taken up at the date of the constitution of the company, but Mr. Swan, subsequently, by arrangement, cancelled 500 shares of his calling. The company had not been successful, and in January last they were obliged to stop payment, being then insolvent. The company was afterwards wound up, and Mr. Moore appointed liquidator. It was expected that the affairs of the company would be wound up under the voluntary liquidation; but Mr. William Calvert Jones, engineer, 87ra, Greece, an alleged creditor of the company, had raised an action against the company or an alleged debt of 600l., and was attempting to secure a preference therefor over the just and lawful reditors of the company. In these circumstances it had been creditors of the company. In these circumstances it had been thought necessary to place the winding-up under the supervision of

The petition was granted.

U

#### ACTION FOR BREACH OF CONTRACT AT GARNANT COLLIERY

ALLEGED DANGEROUS PRACTICE.

Anaction for breach of contract was tried at the Town Hall, Llandilo, on Saturday—before Messrs. J. Peel, J. W. G. Hughes, G. Strick, and H. Peel—in which Mr. Abel Thomas, instructed by Mr. W. Randell, Llanelly, appeared for the defendants, and Mr. T. G. Williams, Llandilo, for the Garnant Colliery Company, Cwmamar.

Alt. Thomas said there were six separate summonses, but as the charge in each case was identical, he asked the Bench to take one—the decision in that to govern all. The action was a civil one, and the damage is controlled.

the decision in that to govern all. The action was a civil one, and the decision in that to govern all. The action was a civil one, and the damage in each case was laid at 1l.

Mr. WILLIAMS, in opening the case, said the plantiffs were the owners of the Garoant Colliery, the name of which had been rendered familiar by the sad catastrophe which occurred there in January, 1834. Plaintiffs charged the defendant (W. Rees) with absenting himself from work on Feb. 14, thereby causing a loss to the company, by reason of which they claimed the sum of 1l. as compensation. A man named Jones had been appointed inspector of the ropes and machinery, to whom the men objected; but the manager had great confidence in him, had known him seven years, and appointed him six months ago. There was no excuse for the colliers objecting to him. The previous accident through the breaking of the rope had made them very carefully and diligently. Because Mr. Hay would not appoint another man in addition to Jones' at the expense of the sumpany to inspect the ropes, they refused to work.

Mr. Thomas said the defence was that the men refused to work in consequence of an accident that had occurred the previous night. The men were entitled to say what precautions should be taken for their safety.

Mr. WILLIAMS admitted the men of the night shift had had a miraculous escape the previous night, but that it was the fault of the engineman in lowering the trams.

Mr. HAY, manager of the colliery, said that on Saturday morning, Feb. 14, the defendants told him they were instructed by their fellow-workmen to say they would not go down the pit until he changed Jones, the mechanical engineer. They did not say they would not go down because the trams had been running wild. On the Monday witness saw a body of the men after he had been to Llandilo to institute legal proceedings. The defendants were amongst them. He impressed upon them that he was responsible for the appointment of the officials. J. Davies, the overman, told witness that the men were willing to go to work providing that they were allowed time to clear from the lamp room before the trams were started on the incline. Witness considered 15 minutes sufficient for them to clear away. They would not be safe from the trams until they had got to the bottom of the incline, which was 1100 yards in length. There would always be danger if the trams were lowered as on the Friday. It was neglect on the engineer's part. He was willing to give instructions that the trams should not be started until the men had given a signal that they were at the lower to the company by the be started until the men had given a signal that they were at the bottom of the pit. Witness assessed the loss to the company by the stoppage of the colliery at 23l.

Mr. Thomas said he hoped to show that the men were entitled to

say, "We cannot go down to the colliery as our lives are in danger," and that the plaintiffs were not entitled to sixpence.

J. DAVIES, the overman, having given evidence, Mr. A. THOMAS asked the Bench to say that Mr. Hay wanted to put his men into unnecessary danger.

coessary danger.
W. Rees, collier, working at the Garnant Colliery, said on Satur W. Rees, collier, working at the Garnant Colliery, said on Saturday, the 14th ult., he went to the works between 5 and 6 in the morning. He and others of the day shift had heard of an accident the previous night. They had a meeting about it, and he and others went as a deputation to the manager. They complained to him about the examiner, Mr. Jones, about unpaid half turns, and about the lamp station. They referred Mr. Hay to the accident of the previous night, and of the accident in January, 1884, in which one of the deputation had a brother killed. Mr. Hay said he would not move the lamp station. They returned and told the other workmen. He would not go down the pit because there was danger. On Monday Mr. Hay arranged with them about signalling before the trams were sent down. Directly it was arranged they went to work. The only reason why they refused on Saturday morning was because of the danger.

John Price, Berry Thomas, Evan Jones, and David J. Noah Jones, also of the deputation, gave corroborative evidence.

also of the deputation, gave corroborative evidence.

The Bench retired, and on returning into Court, Mr. Peel said,
"The Bench have well considered the case, and are of opinion that there was sufficient ground for the men not going down. We think, under the circumstances, there was no breach of contract."

#### Meetings of Lublic Companies.

#### NEW KITTY MINE COMPANY.

The four-monthly meeting of shareholders was held at the offices of the company, Walbrook, on Tuesday,
Mr. John B. Reynolds in the chair.
Mr. W. John Reynolds (the secretary) read the notice calling

the meeting.

The accounts, which were read, showed a balance of 311. 4s. 2d. due to the bankers; beyond this amount there were no liabilities

due and unpaid.

The CHAIRMAN read the following report from the agent:—
March 9.—Since the meeting held on Nov. 28 last we have confined our operations at Thomas's shaft to the driving of the 20 and 40 east. The 49 is driven about 12 fms. east of the shaft; lode in the present end about 2 ft. wide, composed of mundic, peach, a little copper and tin ore; very much the same as the lode was in West Kitty Mine just before we cut into the great course of tin. The 20 is driven east of Thomas's shaft shout 24 fms.; lode in the present end of a very promising character, the same as in the 40. At the adit level which is brought up to Thomas's shaft from Wheal Kitty, on the course of the lode, a distance of 140 fms., I find large excavations have been made both in the back and bottom of the level, and I have been told that large returns were made of both tin and copper from these old workings. I have every reason to believe the statement true, seeing that so much ground has been taken away. Our 20 driving east will very soon be back under these old workings, and seeing that the lode has continued to improve for the last 5 fms. driven both in size and character, I am looking forward for a great improvement very soon at this point. I would state that the rich course of the line K New Kitty.—Engineshaft: We continue to drive the 50, west of cross-cut; lode at this point small and poor.—Ww. Vivitax.

The CHAIRMAN said—Gentlemen, you have had read to you the statement of accounts and the agent's report. By the former you will see that the accounts have been kept in the usual satisfactory manner, and that we meet here to-day without having to consider the very annoying question of arrayes of calls. (Hear hear.)

the statement of accounts and the agent's report. By the former you will see that the accounts have been kept in the usual satisfactory manner, and that we meet here to-day without having to consider the very annoying question of arrears of calls. (Hear, hear, I am very thankful that the shareholders pay up so well and ill not by so doing the very annoying question of arrears of calls. (Hear, hear, I am very thankful that the shareholders pay up so well and ill not by so doing same the shareholders pay up so well and ill not by so doing the shareholders that they could with safety have their same on our books. But, insumels a they do pay up in the most satisfactory manner, it shape are not books of the Bank of England. I am left to make three observations because of certain remarks which, I have seen in print with years the shareholders which we will be the shareholders which we will be the shareholders which we will be a shareholder. The shareholders which we will be a shareholder to this mine. Mr. Courses, took a very is good to shareholder which we will be a shareholder to this mine. Mr. Courses, took a very is good to shareho

was sure that Capt. Vivian, who was present, would be only too pleased to answer any questions.

Capt. Vivian said he should be happy to answer any questions to the best of his ability with respect to New Kitty, but he really could not give much more information than he had already given in his report. They all knew what it was to walt for good things. Good things did not fly to them in a hurry. As a rule they had to seek after them. They had to wait in West Kitty very much longer than they had had to wait in New Kitty very much longer than they had had to wait in New Kitty very much longer than they had had to wait in New Kitty. Before half the time had elapsed in New Kitty which had elapsed in West Kitty. Before half the time had elapsed in New Kitty which had elapsed in West Kitty, which was the New Kitty ship, have driven the levels to the boundary; and, as he had pointed out in his report, the adit level from Wheal Kitty, which was the New Kitty and the course of the lode, and large returns had been made. They found that a large quantity of ground had been taken, way. Miners drove levels even if they were poor, but they did not stope ground unless there was mineral which would pay for taking away; therefore, there was reason to believe there was plenty of mineral found at a shallow depth. If they looked at West Kitty, There were good lode still coming up in West Kitty, and if this tin did not make up in the point to which he had referred to. He was rather under a cloud the other daylabout the bottom ground in West Kitty. There were good lodes still coming up in West Kitty, and they would not bale to start them again, whereas if you as trange thing indeed. (Hear, hear.) He believed they had only to persevere a little longer, and they would soonly back in the ground he had referred to. He was rather under a cloud the other daylabout the bottom ground in West Kitty.

He heard other people talking about it, who were trying to make out that West Kitty was not worth anything in the bottom, and that the bottom level was poor. He did not say much about it, but perhaps he thought the more. They went on driving and driving stithe bottom level, and they got under where the tin made in the level above, and he was happy to say they had a lode there to-day, and had had for the last three weeks, worth it ton of tin to the fathom, which was not bad at that depth. (Cheers.) Now they had started a cross-out spain. It had been said that the tin did not go in depth, and all that sort of thing. But they had got the tin in the level above, and now they commenced to drive a cross-out, and they were going to cut the lode, and he had every reason to believe they would out it good 12 fms. deeper in West Kitty, so they had ground there 6.7 fms. in length, and 50 fms. in height, and a level going in worth it ton of tin per fathom. So the thing had come out all right, and so it would be with New Kittv. (Hear, hear.) In New Kitty piece of ground with the two levels going back, and there was every reason to believe it was the lode they had in Wheal Kitty, where there were two or three levels brought up to the boundary which left off good. He saw no reason to doubt that New Kitty would comer right just the same as West Kitty did. He was pushing on the levels with all possible speed, but mining was a slow process. West Kitty had had four companies at work on it, and the "fourth party" got the prize. (Cheers.) New Kitty was the first party which held had worked this ground, and he believed that, if gentlemen would persevere a little longer, they would be rewarded for their patience. He trusted the shareholders would not let the thing slip through their fingers when they were just on the point of getting into good ground, because he believed the shareholders would not let the thing slip through their fingers when they were just on the point of getting into good ground, because he believed the shareholders

some transmission was the put to the meeting and carried unanimously without further discussion.

The resolution was then put to the meeting and carried unanimously without further discussion.

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Mr. Gouzens: We cannot get on without ways and means, and, therefore, I propose take for carrying on the operations of the mine during the next three would call on Mr. Gouzens, the largest shareholder, to move a resolution on that point.

Mr. Gouzens: We cannot get on without ways and means, and, therefore, I propose take for carrying on the operations of the mine during the next three controls of the meeting. The meeting is called exactly at the expiration of the 16 controls on or before Tuesday, March 25. First of all, I will just refer to the time of calling the meeting. The meeting is called exactly at the expiration of the 16 controls of the meeting to the days of the carrying the present term, which would have necessited a much havive call that I have set the carrying the present term, which would have necessited a much havive call that I have set the carrying the present term, which would have necessited a much havive call that I have set the carrying the present term, which would have necessited a much havive call that I have the present term, which would have necessited a much havive call that I have the present the carrying the call a meeting to-day at the expiration of 16 weeks, I think it will meet with the present of the carrying the call a meeting to-day at the expiration of 16 weeks, I think it will meet with the present of the carrying the call a meeting to-day at the expiration of 16 weeks, I think it will meet with the present of the carrying the carryin

the engine-man, so that he might work it independently of the steam-index ..... The CHAIRMAN said the engines would be supplied with a foot-

brake.

Mr. HUSBAND said it was of the utmost importance that there should be some ad litional control over the engines, for if anything went wrong with either of the steam cylinders they would have a difficulty.

The CHAIRMAN remarked that the object of introducing the steam brake was to reduce risk to a minimum.

Mr. HUSBAND admitted there was no harm in having the steam brake, but urged that they should also have starting handles in case anything went wrong.

wrong.
The CHAIBMAN said if they introduced the brake suggested by Mr. Husband,
the next engineer who saw the engine would probably say they were too complicated. The engines had been criticised over and over again. The startinggear was introduced contrary to their original intentions, and even now it was
condemned.

Mr. BARNETT: What would be the cost of adding to the engine additional arting power?—Mr. HUSEAND: It will be a trivial matter; perhaps 10%.

or 15t.

Mr. BARNETT: Hand starting gear can be added to the engine?—Mr. Husband: You can add it; but the arrangement will not be so convenient as if it had been fixed at the same time as the other.

Capt. TREVENA, replying to a SHAREHOLDER, stated the average of their produce was about 86 lbs. of tin to the ton. Since the last account their eastern ends had come in contact with the cross-course, and that had made a difference in their returns.

The CHAIRMAN, replying to Mr. BLIGHT, said the tin return was equal to the quality entered in the sample book.

The CHAIRMAN, replying to Mr. BLIGHT, said the tin return was equal to the quality entered in the sample book,
On the motion of Mr. J. G. Bone, seconded by Mr. Saunders, the accounts were passed: and, on the motion of Mr. Barnett and Mr. Richards, a dividend was declared of 2s. 6d. per share-7504.

Capt. Thevera, in reply to a SHARHHOLDER, said he could not hold out any hope of the returns being increased to any great extent during the next three months. They might raise a ton or two more, but the adventurers must not look for any great increase as yet. They had about 60 men working in unproductive ground and 36 stoping.

The CHAIRMAN stated they were at present receiving 24. 7s. 6d. a ton more for their tin than in the beginning of February. The present price was 434, 15s. per 13n, and the average for the quarter was about 424. 10s.

#### THE ARIZONA COPPER COMPANY

The first annual general meeting of the Arizona Copper Company (Limited), the new company, was held, yesterday week, at Edinburgh. There was a comparatively small attendance. The chair was occupied by Mr. G. AULDJO JAMIESON, C.A., Chairman of the company, and the other directors present were —Sir George Warrender, Bart., Mr. Colin J. Mackenzie, of Portmore, Mr. John Wilson, and Mr. J. Duncan Smith.

The CHAIRMAN said they would not expect that he would make any observations at great length, since he had had so recently an opportunity, at the first meeting of the new company, of making a statement in some detail on the affairs of the company. The report which had been presented was, he was afraid, unduly lengthy and complicated in its figures; but they would remember that the past lead been a very complicated year and accordingly the report and any observations at great length, since he had had so recently an opportunity, at the first meeting of the new company, or making a statement in some detail on the affairs of the company. The report which had been presented was, he was afraid, unduly lengthy and complicated in its figures; but they would remember that the past had been a very complicated year, and, accordingly, the report and the figures now submitted truly reflected the complicated nature of the transactions recorded. It had been the aim and object of the directors and the officers of the company to submit this report in such an amore at the company to submit this report in such an amore at the company to submit this report in such an amore at the company to submit this report in such an amore at the company to submit this report in such a manner at the company to submit this report in such a submit the company and the submit the submit the company was not them the submit the company was not them the submit the submit

back on the value of copper to-day as a momentary depression, at variance both with former experience, and with the present circumstances of the consumeration of the past former appears and the present circumstances of the consumeration of the past former and the property of the past former and the property of the standing—a carefully considered article, he said, and full of statistics. The list passage is as follows—"We believe, therefore, as we have already remarked, that in this, the largest producing market in the world, the maximum of preduction has been nearly reached; and if so, it almost follows that the lowest limit of price has been touched; for even more remarkable than the rapid production of the past four years has been the complete absorption of the enormous aupplies. If, therefore, this growing source of supply be checked, and the new industries that have absorbed it, continue to grow, the inevitable result must be a rise in price."

This summarised the opinion of those best qualified to judge, and they had some reflection of it in their compet now were at least higher than those at which they were selling it a month ago. (Applause.) He would not say that the tide had turned; but, so far as he was qualified to judge, he would say this—th had ceased to ebs.)

They were, therefore, in the position at which it was not unreasonable to expect that those who would meet this time next year would have before them.

the report of a better state of matters than that even of the present. (Applause.) The directors regretted the illness of Capt. Davies, but, after a holiday, he would return to their service. He had to announce as a matter of great satisfaction that Mr. John Wilson, having to go to America on the business of another company, had been good enough to say that he would visit heir works at Clifton, and Mr. Smith and he would spend some considerable time there within the next six weeks. (Applause.)

Sir Grorge Warrender seconded the adoption of the report. He expressed great graitfication at the manner in which the Chairman's remarks had been received, and at the appreciation with which all he had said had been regarded. It was an evidence of the confidence the shareholders had in him as Chairman. (Applause.)—The motion was unanimously agreed to.

Mr. Davio, Advocate, expressed his own satisfaction, and that of many of the shareholders, at seeing the excerpts in the directors' report from the report of Mr. Davies, and at the statement that the works were now in a position to manufacture copper on conditions as favourable as could be provided; that, so far as the available supply of ore was concerned, the future of the company might be regarded as assured: and, further, that the company would be able to earn a profit on the manufacture of copper even at present prices. For the present position of the company, and the good prospects before them, they were largely indebted to the efforts of the board, and to none more so than to the Chairman and Sir George Warrender. (Applause.)—This was seconded by Mr. CLAUB HAMILTON, and agreed to.

On the motion of Mr. Laweir, seconded by Mr. MITCHELL THOMSON, Messrs. Howden and Molleson, C.A., were re-elected the auditors of the company; and on the motion of Mr. John Wilson, the formal vote of thanks was accorded to the Chairman.

Immediately thereafter, a formal meeting of the Arizona Copper Company (Limited)—the old company—was held to receive a report by the liquidators.

—The C

#### RAVENSCLIFF MINING COMPANY.

An ordinary general meeting of this company was held, on Tuesday, at the Cannon-street Hotel,

Mr. Frederick Peterson Ward in the chair.

Mr. C. Grainger (the secretary) read the notice convening the lecting and the report of the directors was taken as read.

The Chairman said that they were all aware of the circumstances

of this company and what was proposed to be done by the full statement made in the two reports which the shareholders in this and the Yorke Peninsula Mining Companies had received. They knew that as regards the Ravenscliff Company they had had considerable difficul-Yorke Peninsula Mining Companies had received. They knew that as regards the Ravenscliff Company they had had considerable difficulties to contend with, owing to the unprecedentedly stormy weather not only during the rainy season, but during also what ought to have been the favourable season. That circumstance alone had prevented their success in raising the gold as they had anticipated, and had caused a considerable delay in time, and an expenditure of capital which was to be regretted. At the present moment their operations were delayed for finer weather, and if the scheme they set forth in the report should be carried out successfully, they would have the means not only of carrying on their present operations with success, but also of acquiring other promising properties, some even more so than those they held at very reasonable rates, and no doubt it would be very desirable to acquire and work those properties. He did not know that he need go into any very lengthy observations on the affairs of the Ravenscliff; they were so fully set forth in the report that he preferred to shareholders who might desire to be better informed. Of course the agreement had only been provisionally eatered into between the companies, and was subject to confirmation, otherwise it would not come into effect. He thought he had said sufficient for the present, and therefore concluded by moving the first resolution:—"That the report of the directors to the shareholders, with the accounts thereunto annexed, be received and adopted."—Mr. RCHARD BRYAN OTTLEY seconded the motion, which was carried unanimously.

Mr. F. P. Ward and Mr. R. Ottley, retiring directors, were re-elected, and Mr. George T. Rait, F.C.A., the retiring auditor, was re-appointed.

The CHARDAM said that the resolutions he had to move would necessarily follow on the report. He moved—(1) "That the capital of the company as such time, or times, and either wholly, or in part, as share, upon which the full, or any part of the amount thereof, shall be deemed to have been p

ch were carried unanimously.

10 CHAIBMAN said that any shareholder desiring to see the agreement, by ng at the office could do so, and also the form of debenture.

11 vote of thanks to the Chairman and directors then terminated the

GREAT WESTERN COLLIERY COMPANY (LIMITED).

On Thursday afternoon the annual meeting of the proprietors of the Great Western Colliery Company (Limited) was held at the office, St. Stephen's-street, Bristol,

office, St. Stephen's-street, Bristol,
Mr. Joseph Wethered in the chair.
The Chairman, in moving the adoption of the report and accounts, said they had erected during the past year 20 new coke ovens, but these had replaced other ovens in which no reduction had been made, and they were, in reality, a substitution for the other ovens, and as nothing had been written off the previous ovens, they thought it would be erroneous to place those to any other account ovens, and as nothing had been written off the previous ovens, they thought it would be erroneous to place those to any other account than revenue. The amount of the sinking fund was 13,5.8.4, which must have attracted their attention, and it was gratifying to be able to add 50006, odd which had previously been allotted for that purpose. The coal and coke sales for the year amounted to 12,0006, more than in 1833, which arose almost entirely from the fact that they rore 24,000 tons of coal more during the last year than they did in the previous year. He might state that in 1879 they raised 187,000 tons; in 1833, 234,000, tons; in 1831, 261,000 tons; in 1882, 301,000 tons; in 1883, 321,000 tons; in 1833, 321,000 tons; in 1833, 321,000 tons; in 1833, 321,000 tons; in 1833, 321,000 tons; in 1834, 261,000 tons; in 1882, 301,000 tons; in 1833, 321,000 tons; in 1832, 301,000 tons; in 1833, 321,000 tons; in 1833, 321,000 tons; in 1833, 321,000 tons; in 1832, 301,000 tons; in 1833, 321,000 tons; in 1832, reflected upon what the condition of that contery satisfactory. (Cheers.) the present balance-sheet must be considered very satisfactory. (Cheers.) price of coal at Cardiff was very different from what it was last year; eas lower, and it might go lower still, or it might rise. It was a ter upon which there was a variety of opinions, but if they took as the price of t the position of the colliery, the excellency of their coxe, and the foresight in making the arrangements, he thought they might have a remunerative income for the money they had invested in the future. (Cheers.)

Mr. C. H. James (Merthyr) seconded the adoption of the report and

ALL V. H. SARBE (MCLAYF) SECURED SHE SUPPLIED TO THE PEPOT AND ACCOUNTS.

Mr. ALEXANDER (Cardiff) referred to the proposed sinking to the lower measures, and would like to know, first, what the cost of sinking to those measures would be, and, next, if at the present moment there was not sufficient cost workship by the colliery independent of going to these measures at all. Then, if arrangements were made for the working the lower measures, what were the arrangements? Had the directors taken steps to get a fresh lease from Mr. Lewis Morgan at the end of the present term? He had had representations made to him from those in the district that the company would spend too much money considering their short lease — 21 years — in proving the lower measures.

of 5s. per share on the 8907 ordinary shares of class B for the half-year entity.

Dec. 3i, less income tax, on April 1.

Mr. T. Williams (Merthyr), in seconding the resolution, said he was prod, in the depression of trade, they could declare such a dividend.

The resolution having been carried, the Chairman proposed that 22i, 5a, be paid to Mr. C. H. James, of Merthyr, for making a check survey of part of the colliery workings.

paid to Mr. C. H. James, of Merthyr, for making a check survey of part of the colliery workings.

Mr. T. FORKIER BROWN (Cardiff) seconded the resolution, and said they should have gone to Mr. James for the work, as he was an authority in mining surrey, had he not been a director. (Hear, hear.) This vote was agreed to.

Afterwards, on the motion of the CHAIRMAN, seconded by Mr. G. B. KELLING (director of the Severn and Wye Railway Company), 20 guineas were wooded to Mr. A. Levy for services he had rendered when the company was recommitted.

to Mr. A. Levy for services he had reindered when the company was reconstituted.

On the motion of the Chairman, seconded by Mr. Alexander (Cardiff), Mr. T. Forster Brown was re-elected director.

Mr. Forster Brown was re-elected director.

Mr. Forster Brown returned thanks, and said the success of a colliery was seen in it being able to weather storms, and their company was successful through the unanimity of the board.

On the motion of the Chairman, seconded by Mr. Wilberforce Tribs, Mr. G. H. James (Merthyr) reposed a vote of thanks to the secretary (Mr. W. Briggs), the agents, and efficials of the company, for their exertions during the past year. —Mr. T. Thomas (Merthyr) seconded this, and it was carried a vote of thanks to the Chairman and directors, on the motion of Mr. Herbert Thomas, seconded by Mr. Joseph Townsend, terminated the preceedings.

THE YORKE PENINSULA MINING COMPANY (LIMITED). The annual general meeting of shareholders of this company was

The annual general meeting of shareholders of this company was held on Tuesday, at the Cannon-street Hotel,

Mr. FREDERICK PETERSON WARD in the chair.

Mr. C. Grainger (the secretary) read the notice convening the meeting, and the report of the directors was taken as read.

The Chairman said: I think I shall best consult your convenience by making my opening observations as brief as possible. I have adoubt that some discussion will take place, and some enquiries. meeting, and the report of the directors was taken as read.

The CHAIEMAN said: I think I shall best consult your convenience by making my opening observations as brief as possible. I have no doubt that some discussion will take place, and some enquiristle made as to the contents of the report, and I will reserve any necessary information on those subjects until I hear what may be said on them. The report is so full that it almost obviates any necessity on my pertual properties. The property of the proper

they did not conset to take their shares. In the event of a council this schemes a chance of saving something. It was simply an option given chose to avail themselves of it, and if they did they would grants the bone fides of which he could answer for. He had traced the property of the could never for the had traced the property of the could never for the had traced the thought, as a shareholder in both, that was a fair business offer.

Mr. G. PRITCHARD thought that they should raise the mose themselves for carrying on the mine. — The CHARIMAN said that the other means open to them for raising the money than those proposed. Mr. OTLEY said that at the last meeting there was a committee holders appointed to consult with the directors, and the directory and the first money for carrying on the mine, and they were unable to do so, the consultation of the cons

he did not feel inclined to incur the expenses of the liquidators was hand into his pocket for the necessary expenditure which the liquidators was have to defray.

Mr. RAIT said that personally he should be glad to guarantee the some like towards the expenses of liquidation. Mr. Kearton, Mr. Smitt, he Chairmin Mr. Darlington, and Mr. Ottley having given a like guarantee, the liquidate expressed themselves as willing to do what was required, and to continue for the best interests of the company as they had always done at late for the LAIRMAN suggested that any other gentlemen who wished to continue should send their names into the company. He also stated that any the calling at the office of the company.

The Guarding to see the agreement and form of debenture could be sky calling at the office of the company.

The proceedings then terminated.

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The Corn Standard are fairly Cook's Kill lis, to 12: % to 16; 9¼ to 10; West Pee Agar, 19¼ Peevor, M MANC

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RHODES REEF GOLD MINING COMPANY (LIMITED) (IN LIQUIDATION).

Yesterday an extraordinary general meeting of shareholders was held at the Cannon-street Hotel, Mr. Francis Joseph Bladon (one of the liquidators) in the chair. The following is a copy of the report issued by the liquidators,

New York of the Cannon-street Hotel,

Mr. Francis Joseph Bladdon (one of the liquidators) in the chair. The following is a copy of the report issued by the liquidators, and March 4:—

The she shareholders in the Rhodes Reef Gold Mining Company (Limited) (in Liquidaton):—"We beg to inform you that in accordance with the provisions eviatined in the special resolutions, which were passed and confirmed in generating of the special resolutions, which were passed and confirmed in generating of the special resolutions, which were passed and confirmed in generating of the special resolution of 3s. 454d, per share. There were 190,000 shares in the feel and and dividend of 3s. 454d, per share. There were 190,000 shares in the feel and and dividend of 3s. 454d, per share. There were 190,000 shares in the feel and the share of the share

lividends.
The CHARMAN: Are you a shareholder?—Mr. HENDERSON said he had the bare in his possession, and attended on behalf of shareholders.
Mr. FREWER said that Mr. Henderson was not on the register.
A SHAREHOLDER: H. Mr. Henderson is not a shareholder he has no right to be

resent.
The CHAIRMAN said he could not take Mr. Henderson's vote.
After some further conversation the resolution was put and carried, nine
barbolders voting in favour of it and nine against it.
A vote of thanks to the liquidators closed the meeting.

#### PROVINCIAL STOCK AND SHARE MARKETS.

PROVINCIAL STOCK AND SHARE MARKETS.

CORNISH MINE SHARE MARKET.—Mr. S. J. DAVEY, mine share-dealer, Redruth, writes under date March 12:—Our market has not been very brisk this week. Dolcoath has fallen 11. South Frances 2, and Wheal Basset 4, but Carn Brea has risen 4. To-day there is not much doing, but South Frances are in request. Tin Standards were reduced 2s. on Tuesday. Pollowing are prices:—Carn Brea, 3 to 3%; Cook's Ritchen, 9 to 11; Dolcoath, 8s to 58½; East Pool, 41½ to 42; Killifreth, ¼ to ½; New Kitty, 1 to 1½; Pedn-an-drea, ½ to ½; Swaw Cook's Kitchen, ¾ to ½; New Kitty, 1 to 1½; Pedn-an-drea, ½ to ½; Swaw Cook's Kitty, 9½ to 9½; West Basset, 2½ to 2½; West Frances, 9½ to ½; West Kitty, 9½ to 9½; West Polloren, ½ to ½; West Frances, 9½ to 4½; Wheal Kitty, 9½ to 9½; West Dolbren, ½ to 5½; Wheal Stuff, 4 to 1½; Polberro, to 1; Wheal Kitty (8t. Agnes), ¼ to 1; Trevaunance, 2½ to 2½; Polberro, to 2.

- Messr. Abbott and Wickett, stock and sharebrokers. Redruth, write under dite March 12:—The market for shares has been dull this week in sympathy with tin, and prices generally are lower. South Frances and West Frances, tep firm and are tightly held at present. Closing quotations herewith:—Carn Bra, 3 to 3½; Cook's Kitchen, 8½ to 9½; Dolcoath, 63 to 68½; East Blue Blue, 8½ to 86; East Pool, 41½ to 42; Killifetth, 12s. to 13a; New Cook's Ritchen, ½ to 1; New Kittv, ½ to 1½; Polberro, 2½ to 2½; South Controw, 7½ to 8½; South Crofty, 3½ to 4; Bouth Frances, 9½ to 9½; Throofs, 5 to 6½; Trevannance, 2 to 2½; West Basset, 2½ to 2½; West Kittv, 4½; Wheal Agar, 19½ to 19½; Wheal Basset, 5 to 5½; Wheal Grenville, 6½ to 4½; Wheal Kitty, ½ to 1.

Mr. M. W. Rawney Listcord, write water with the control of the contro

i, Wheak Kitty, \$4 to 19%; Wheat Basset, \$50.5%; Wheat Greivine, \$72.5%; Wheak Kitty, \$4 to 1.

Mr. M. W. Bawden, Liskoard, writes under date March 12: The mining state is duil and inactive, and shares generally have receded, with a scarcity buyer, on the reduction of the price of tin and copper. At New South wide, and at West Phonix meeting, held on the mine to-day, a call of is. 3d. per share was side, and at West Phonix meeting, held on the mine to-day, a call of is. 3d. per share was side, and at West Phonix meeting, held on the mine to-day, a call of is. 3d. per share was 16, and the west Phonix meeting, held on the mine to-day, a call of is. 3d. per share was 18, and to 18, and 1

Mt. JOHN CARTER, mine sharedealer, Camborne, writes under date March 12. To Corish share market is quiet, in consequence of the fall of 2s. in the Tin sheafard on March 10. In a few instances prices are lower; but on the whole me fairly maintained. Closing quotations subjoined:—Carn Brea, 2½ to 3; Cook Kitchen, 9 to 10; Dolcoath, 68 to 68½; East Pool, 41½ to 42; Killfireth, 10, 10; Edman-drea, 10; Edman, 10; Edman,

MANCHESTER.—Messrs. JOSEPH R. and W. P. BAINES, stock and share brokers, Queen's Chambers, Market-street, write under date with the property of prices and share is very decided, the task of reporting a market is a very simple one, far more so than when changes are contradictory and the rise and fall nearly balancing each other, for then it is not always easy to assess what alterations are merely the result of conditions peculiar to the stock or stocks acted upon, and what are in contradictory and the first remark, the course of the market having been on balance all tons effecting influence has for a time fiven cause for a slight raily here and price this vening, with few exceptions, are lowest, or very little above lowest louched. The cause of all is, of course, the anxiety respecting the MARCHESTER.—Messrs. JOSEPH R. and W. P. BAINES, stock

possible, and as many hold the probable, contingency of an embroilment with Russia touching their too near approach to the boundary of Afghanistan. No doubt the situation is a grave one, as the consequences of any act of indiscretion might precipitate matters beyond the point which leaves actual outbreak of hostilities still avoidable. The opinion is held by many that neither England or Russia actually court a war, but all information on the subject points to a state of affairs which will require careful handling by both sides, if the drifting into war is to be avoided. Such, however, is the evident view taken by the market generally, and the most has been made of it, the shrinkage in prices being very considerable on the week. In foreign funds Russians (1873) are 2½ to 2½; Egyptian Unified, 1½; ditto Preference, 1½; ditto Daira Sanich, 1½; Argentine Public Work and Hard Dollar bonds, 3 each; Brazilian Five per Cent. (1875), 2; Portuguese, 1; and several others more or less lower, without any case of advance to put against the deciines. Colonial stocks are unchanged, and in home Corporation stocks a rise of ½ in Manchester Four per Cent. is the only change. In sympathy, doubtless, with the other markets the miscellaneous classes also exhibit a decided preponderance of lower prices; but in these the separate movements are not generally so severe as the more prominent investments.

BANKS.—Consolidated are 1½ to 3½ better, and that is the only favourable change. Manchester and Sallord, ½ to ½; Bank of Bolton, 5½, paid, ½; and Union of Manchester and Sallord, ½ to ½; Salk (Liverpool), ¾; Liverpool and London and Globe, ½; Sac, ¾; Reliance Marine, ½ 50; Bank of Bolton, 5½, paid, ½; and Union of Manchester five, ½; British and Provincial Marine, ½ 50; to 54; Sac, ½; Et aliance Marine, ½ 50; to 54; to 55; Sadler Forbes B, ¾; Great Laxey Lead, ¾ to ¾; and Tharsis Sulphur, &c., ¾ lower.

COTON SPINNING shares are devoid of life, the demand being small, and what there is height produced and severed of the severed coloner

Sadier Forbes B, %; Great Lawy Lead, % to %; and Tharsis Sulphur, &c., % lower.

COTTON SPINKING shares are devoid of life, the demand being small, and what there is being restricted to best esteemed concerns.—Telegraph and What there is being restricted to best esteemed concerns.—Telegraph and Telegraph and Coke, A, Ordinary, 2 to 3; Hudson's Bay, ¾; and Liverpool Trams, &c., ¾ down. Manchester Carriage, A, ¾ to ½; and Bell and Black ¼ higher. Bryant and May's, after going distinctly higher, have settled back to price ruling a week ago.

RALLWAYS: The pessimist views treely circulated during the past week have had the effect of causing violent fluctuations, and ultimately a serious falling off in prices. The A stocks and lines out of London have suffered most. North British have gone heavily down on the dividend announcement at 4½, and 5004, surplus, against 5½ with 50004, over a year ago. Canadians continue to decline, and Grand Trunks are precipitated by the publication of dividend being at rate of only 1½ per cent. on First Preference, with 1932, over comparing against full dividend on First and Second Preference and 3% on Third Preference, and a surplus of 69414, for same time last year. The loss during the past week amounts on First Preference to 1½, Second Preference 4%, Third Preferences 3, and Ordinary ¾ per cent.; and as the poorest n arket estimate of the dividend was 2 per cent. the fall is not astonishing. To-day's traffic on joint lines totalling 61034, decrease is not at all calculated to help matters. Mexican Ralls traffic 72004, decrease, and market a heavy one. The expected payment by the Government has for present, it appears, passed into abeyance. Americans show increased traffics, and a better tone exists.

payment by the Government has for present, it appears, passed into aceyance. Americans show increased traffics, and a better tone exists.

NewCastle-on-Tyne.—Mr. S. N. Challoner, stock and share broker, Grey-street, writes under date March 12.—Barrow Steel, Ordinary, 6 to 6\frac{1}{2}; ditto 5ix per Cent. Preference, 9\frac{1}{2} to 9\frac{2}{3}; Bede Metal, 10 to 11; Bolckow (20l. paid), 16\frac{1}{2} to 16\frac{1}{2}; ditto, 12l. paid, 8\frac{1}{2} to 8\frac{2}{3}; ditto Five per Cent. Preference, 8\frac{1}{2} to 18\frac{2}{3}; C. Cammell and Co., 75\frac{1}{2} to 76; Carnforth Iron, 125 to 130; Consett Iron, 17\frac{1}{2} to 17\frac{2}{3}; Consett Spanish Ore, 4\frac{1}{2} to 5 Darlington Iron Ordinary, 23s. to 25s.; ditto Seven per Cent. Preference, 3\frac{2}{3} to 3\frac{2}{3}; Earle's Shipbuilding, 14\frac{1}{3} to 14\frac{2}{3}; Ebw Vale, 4\frac{1}{3} to 4\frac{2}{3}; John Brown, 59\frac{1}{3} to 60\frac{1}{3}; Mason and Barry, 7\frac{1}{3} to 8\frac{1}{3}; ditto 8, 14\frac{1}{3} to 12\frac{1}{3}; North Lonsdale Iron, 7\frac{1}{3} to 5\frac{1}{3}; Fanuleillo Copper, 2\frac{1}{3} to 23\frac{1}{3}; ditto 8, 14\frac{1}{3} to 14\frac{1}{3}; Esteel Company of Scotland, 3 to 3\frac{1}{3}; Sir W. G. Armstrong-Mitchells, 128 to 12\frac{1}{3}; ditto 1\frac{1}{3}; Tharsis Sulphur and Copper, 2\frac{1}{3} to 2\frac{1}{3}; ditto 7 to 19\frac{1}{3}; Tharsis Sulphur and Copper, 3\frac{1}{3} to 3\frac{1}{3}; Lawes' Ordinary, 4\frac{1}{3} to 1\frac{1}{3}; Swan Electric Cleveland Water, 19 to 20 xd.; Consett Water, 6\frac{1}{3} to 6\frac{1}{3}; Swan Electric Cleveland Water, 19 to 20 xd.; Consett Water, 6\frac{1}{3} to 6\frac{1}{3}; Swan Electric Cleveland Water, 19 to 20 xd.; Consett Water, 6\frac{1}{3} to 6\frac{1}{3}; Swan Electric Cleveland Water, 19 to 20 xd.; Consett Water, 6\frac{1}{3} to 6\frac{1}{3}; Swan Electric Cleveland Water, 19 to 20 xd.; Consett Water, 6\frac{1}{3} to 6\frac{1}{3}; Swan Electric Cleveland Water, 19 to 20 xd.; Consett Water, 6\frac{1}{3} to 6\frac{1}{3}; Swan Electric Cleveland Water, 19 t

#### SCOTCH MINING AND INDUSTRIAL COMPANIES SHARE MARKETS.

SHARE MARKETS.

STIRLING.—Mr. J. GBANT MACLEAN, stockbroker and ironbroker writes under date March 12:—During the past week the markets have been flat owing to the disturbed state of political relation with Russia and Germany. The Board of Trade Returns show trade is still restricted. The fortnightly settlement was completed to-day, and transactions entered into are now for new account (March 27).

In shares of coal, iron, and steel companies prices are lower. Bull's Power are now about 1s; Chapel House offered at 5s, 6d.; Carlton Iron, 42s, 6d.: Marbellas are at 59s. ex div.: and Tredegar A, 17 to 19.

In shares of foreign copper concerns prices have also declined. Tharsis have been sold from 5f, 11s, 5d. to 5f. 3s. Mason and Barry, also Rio Tinto, are both considerably lower. Bratsbergs are 12s. to 14s.; Corporation of South Australia, 1s, 6d. to 2s. 6d.; and Yorke Peninsula Ordinary, 1s.

In shares of home mines prices do not show much alteration, although the markets for tin and copper are both lower. The Glasgow Caradon announce that they are resuming monthly sales, with 95 tons of good quality this month, which compares with 115 tons for the last two months. In previous years when monthly sales were made the amounts for March were usually 160 to 265 tons. Carn Cambornes are at 3s. to 5s.; Drakewalls, 4s. to 6s.; East Blue Hills, 6s. to 8s.; East Wheal Rose, 4s. to 6s.; Ecton, 20s. to 25s.; East Van, 5s. to 7s. 6d.; Great Laxey, 9½; North Treskerby, 30s.; Old Shepherds, 5s. to 6s. 3d.; Pary, 1s.; Standard Lead, 15s. to 20s.; West Caradon, 1s.; Wheal Castle, 5s. 6d.

In shares of gold and sliver mines there has been less business doing. Montans have declined from 33s. to 29s.; Kohimoors remain at 5s. to 6s., but should improve if the returns from the mine prove satisfactory. Bakis lower at 3s. to 2s. 6d.; Cankim Bamoo, 1s. to 2s.; Cartagos (fully-paid), 6s. to 5s.; Cristola, 15s., 9d. to 25s.; Cristola, 5s. to 3s.; Hoover Hill, 4s. to 5s. 6d.; Kapangas, 6d. to 1s.; Kimberley North Block, 25s. to 3s.; New Ca

KDINBURGH .- Messrs. THOS. MILLER and SONS, stock and share brokers, Princes-street, under date March 12, write:—Railway ordinary stocks have shown weakness during the past week, and to-day especially stocks have on political considerations been very flat. especially stocks have on political considerations been very flat. Some lots of preference stocks have changed hands at lower prices. Royal Bank has fallen 20s. Caledonian Insurance shares have advanced 2s. 6d. further to 18\frac{3}{2}. Scottish Union and National A have receded 1s. to 52s. Northern Investment of New Zealand have improved 6d. Prairie Cattle shares have advanced 6d. Western branches have receded 9s. In oil shares Burntisland have risen 10s. Clippens 2s. 6d.; Dalmeny, 10s.; Midlothian, 2s. 9d.; Westfield, 20s.; Lanark have receded 1s. 6d.; Pumpheraton, 7s. 6d.; Walkinshaw, 4s. 6d.; West Lothian, 2s. 6d.; Young's, 2s. 6d.; Edinburgh Trammay shares have improved 5s. Distillery, 1s. 3d.; Nobel's Explosives have improved 5s. Arizona Copper are 1s. lower at 15s. Arizona Trust shares, 1l. paid, are about 10s. 6d.

EVICTION AT A DURHAM COLLIERY .-- On Wednesday the officials men, who had been discharged from the colliery a fortnight ago. The men, who alleged that their discharge was due simply to the fact that they were active members of the Durham Miners' Association, were not requested to leave their houses, and when being evicted asked for time to find another place, but this was denied. Both men had several children. men had several children.

VICTORIA.—In some of the districts into which the colony was divided by the "Mining on Private Property Act," a very large number of leases under the measure have been received by the Wardens. In one district as many as 900 such applications are said to be lodged. These applications, when reported on by the Wardens, will be dealt with at the head office of the department.

THE work of endevouring to recover the bodies at the Usworth Colliery is now at a standstill, fire having been discovered in the pit, which has effectually prevented any further exploration of the workings. Mr. C. S. Lindsay has so far recovered as to be able to attend the office, where he has held consultation with mining engineers from other collieries respecting the measures to be taken to ensure the safety of the pit and to recover the bodies.

THE VENEZUELA PANAMA GOLD MINE .- A telegram gives the result of working for the month ended Feb. 19 as follows:—Yield, 3025 ozs. of gold from 2250 tons of quartz crushed in 26 days.

#### WATSON BROTHERS MINING CIRCULAR.

WATSON BROTHERS, MINEOWNERS, STOCK AND SHARE DEALERS, &c., 1, ST MICHAEL'S ALLEY, CORNHILL, LONDON.

We have received several communications this week in reference

We have received several communications this week in reference to the Polrose Circular from the Stannaries Court, and the proposal to make a call of 3l. per share. We never expected such a call, and are as completely astounded at the Circular as any other shareholders can be. We were among the largest shareholders in the mine, and held on paying heavy calls for years, because we believed it to be one of the best speculations of the day, and we still think it so; but to this matter we will refer presently.

At a meeting of shareholders, held on Jan. 16, 1884, a correct statement of accounts was presented, which showed liabilities over assets of 2165l. 8s. 7d. It was also stated there were then 4518 shares afloat. A call of 4s, per share, or nearly 1000l. was made, and the machinery was worth then more than the balance of the debt. On Jan. 30 we paid the call on our 951 shares, 180l. 13s. 10d., deducting discount. At the meeting when the call was made a telegram was received from the agent inducing us and others to go on with the mine, for a discovery in the lode was daily expected (if the engine which had constantly been ailing and failing did not finally break down), and a discovery such as we had a right to look forward to would put us all right. We went on with our shares till April, and it being then quite clear the engine could never do the work with the increased water, and hearing that relinquishments were taking place we relinquished ours, and within a month the mine stopped; and beyond the fact that it has been found impossible in these times to sell the machinery, which may come in as an asset to be returned hereafter, we cannot account for the present state of affairs.

And now let us say something in regard to the mine itself. It is affairs

And now let us say something in regard to the mine itself. It is surrounded by some of the richest tin mines, in Cornwall; it adjoins the boundary of the celebrated Great Work, and is near Godolphin. the boundary of the celebrated Great Work, and is near Godolphin, Palladras, and Great Wheal Vor. The engine-shaft was sunk on the course of the Polrose lode to the 50 fathom level, and at and above this level yielded 252 tons of tin, which sold for 11,584. At the 50 another lode, the Margaret's, crossed the shaft, and heaved the Polrose, which had so far yielded the tin some way northwards. The shaft was then continued down in unsettled ground with a view of developing the Margaret lode, and then cross-cut to the Polrose lode when in settled ground. This work, when in settled ground, was expected to result in great success. Under great difficulties with the engine, which was too small, the shaft had just reached the 122 at the meeting on Jan. 16, 1884; they had then been hindered four weeks by the engine and the water, but they had just cut a lode of a most promising character (see report to the meeting), and proposed driving east as far as possible to reach the great cross-coursed 22 fms. east, and against which the lodes of the districts, both copper and tin, have proved very rich north and south of Polrose. But the engine went on puffing and snorting, always in difficulties, till, as we said before, it was found no use attempting to go on with it, an late of the districts of the said before, it was found no use attempting to go on with it, an late of the districts of the di

engine went on puffing and snorting, always in difficulties, till, as we said before, it was found no use attempting to go on with it, and the mine stopped just at the time it should have been pushed on to the success which was apparently near at hand.

And now shareholders are said to be liable to be called upon for 3/. per share! And out of this difficulty cannot some good be found?

A further expenditure underground might result in giving a back all our outlay. Why, then, could not a Limited company le formed to buy the mine and machinery as a going concern for an amount sufficient to pay the debts, and with the view to erect a larger engine? This could be done if every shareholder liable to 3/. per share in the old company would take shares to that amount in a new company, and in that case they might receive a like number of company, and in that case they might receive a like number of paid-up shares free.

If the company were formed in 30,000 shares of 10s. each (Limited)

—and it would take 5000l. to purchase and erect machinery—there would be 5000l. more to be given to old holders who subscribe (instead of paying calls for the first 5000l.), and then there would be 500l. working capital. In a scheme like this we should be glad to take

working capital. In a scheme like this we should be glad to take our proportion.

To put it in a plain way to all—say, A. B. holds 100 shares, at d is compelled to pay 300l. to the Stannaries Court; instead of this, he pays, if the plan can be carried out, 300l. for 600 shares in the Limited company, and has 600 more given him fully paid-up in right of his old interest in the mine. Thus, he would hold 1200 shares fully paid-up in a Limited company, instead of losing 300l. in a call; and there are many mines brought out at a premium of 20,000l. to 30,000l., with prospects inferior to Polrose.

All to whom we have named this scheme agree that it is the best plan to be adopted if it can be carried out, but we do not positively say that it can.

plan to be adopted if it can be carried out, but we do not positively say that it can.

So far as we can learn, since the above remarks were written, the apparent necessity for a 3l. call is owing, in the first place, to the impossibility at present of selling the machinery, owing to the general depression in Cornwall, and to the fear that some holders will not be able to pay. If at the last meeting of shareholders in London a call of 10s, had been made it might have prevented all this, but the shareholders present objected to it. When the machinery is sold, and the relinquished share account made up, the greater part of the 3l. per share ought to be returned if made.

We have received everal letters from shareholders, approxing of

the 3l. per share ought to be returned if made.

We have received several letters from shareholders approving of the plan we referred to last week in regard to Prince of Wales. The same plan may probably be adopted with Metal and Flow, every shareholder having a share with 10s. fully paid up for what he now holds. At Prince of Wales the agent hopes to sample some rich copper ore this month from the new discovery in the 45 level.

At East Blue Hills the lode in the shaft looks well for the part carried, being worth 12l. per fathom. Other parts 20l. per fathom.

THE engine at Penhalls, which was sold to the adventurers of Trevaunance United, is being taken out and removed to its destination in parts, and will be got ready as soon as the shaft is prepared. The engine-house is finished and roofed in, and seems a really good, substantial piece of work, and a credit to the contractors, Messrs. Peters. Preparations are now being made to build the stack. the stack. This job will soon be taken in hand.

#### COPPER ORES. Hotel, Redruth, March 5

Sampled February 18, and sold at Tabb's Tons. ... 79 ... 78 ... 73 ... 70 ... 69 Mines. TOTAL PRODUCE. 
 Mellanear
 604
 £1160 18
 6 | Tineroft
 44
 £112 4
 0

 South Tolcarne
 77
 202 7 0
 Wheal Comford
 17
 42 10
 0

 Carn Brea
 65
 141 7 6
 North Wheal Busy
 14
 31 10
 0

 was um-ens.
 Average standard.
 £ 84 13 0 | Average produce
 5 ½

 Quantity of ore
 S21 | Quantity of fine copper, 46 tons 13 cwts.

 ged.
 Amount of money
 £ 1690 17 0

 LAST SALE.
 Average standard, £ 84 0 0 | Average produce
 6 ½

 Standard of corresponding sale last month, £ 84 19 0 | Produce, 5 ½
 6 ½

COMPANIES BY WHOM THE ORES WERE PURCHASED. Names. Tons. Amount.

Names 193 & 388 9 6
P. Grenfell and Sons 193 & 388 11 6
Nevill, Druce, and Co. 186 302 17 6
Williams, Foster, and Co. 188 332 19 9
Elliott's Metal Company 105 220 18 9

821 ..... £ 1690 17 0 NO SALE on Thursday last, Copper ores for sale on Thursday next at the Royal Hotel, Truro,—Mines and parcels.—Devon Great Consols 806—South Caradon 325—Holmbush 218—Bedford United 186—Gunnislake 148—Glasgow Caradon 80—Marke Valley 35—East Caradon 15.—Total, 1823 tons.

#### Mining Correspondence.

#### BRITISH MINES

BRITISH MINES

BEDFORD UNITED.—H. Trezise, March 10: We have not taken down and lode in the 138 cast; the drivage is being continued by the side of the lode:

—McCallan's Engine-shaft, Bridge Lode: The shaftmen continue to make fair progress in sinking. The water is being drained from the upper levels, which proves the very porous nature of the lode. The lode in the 75 cast is strong and masterly in appearance, composed of strong capel, mundle, and ore. In the 75 west we have a full pare of six men, and good progress is being made; the lode is composed of capel and mundle, intermixed with a little ore. In the 52 cast the lode is the full size of the end, and of a promising character, worth 54. per fathom. Nos. 1, 2, and 3 stopes, in the back of the 62 cast, are worth on an average 54, per fathom each. In the 62 west the lode is romising, and the ground is very congenial for the production of copper ore. Two stopes behind the end are worth 44, per fathom each. In the 92 cast the lodelpis longer, and spotted with yellow ore of good quality. The several tribute pitches throughout the mine continue just as they have been. Good progress is being made throughout the mine.

mine continue just as they have been. Good progress is being made inrougnout the mine.

CARN CAMBORNE.—W. C. Vivian, March 12: There is scarcely any change to notice since my last, the only thing calling for remark being a slight increase in the water in the 105 level, as we are getting nearer to the cross course.

CASEWELL.—John Peart, March 7: The vein in heading, coming coat on copper hasle is yielding some good ore on the top part, but near the drift roof it iskuts orich as it has been, and very hard; is worth 20 cwts. of lead ore per fm. The drift on copper hazle going west is improving, there is more ore and a better vein; we save all the veinstuff for bouse. The drift in plat top of copper hazle going east is without change. The rise in slaty hazle cast end is not looking so well at the top; not so much vein and less ore. I think we are up to the top of this sill into the thrown down check of the limestone above. We will now start a heading from the rise.

CATHEDRAL CONSOLS.—S. Davey, March 5: The south lode at the 84 cast and west of cross-cut still looks encouraging, and maintains its size and challenge in the start of the size and challenge in the start of the start of the size and challenge in the start of the

well at the top; not so much vein and less ore. I think we are up to the top of this silt into the thrown down check of the limestone above. We will now start a heading from the rise.

A heading from

not be great. We have one tribute pitch at work, from which we have sampled this week 15 tons of good quality ore.

EAST WHEAL ROSE.—W. Skewis, T. Doidge, March 9: We have dropped the 50-in. lift to the 120, and the water is drained to this point. The sides of the shait for the last 10 fms. are in a fair state of repair, only requiring a little being done to them, which the shaftmen are now about. When this is completed we shall cut ground for bearer-holes and fix the bearers and drop-lift to the 130.

—Baynard's Shaft: The communication referred to in our last report at the 90 is made with Penroes's shaft on east part of Middleton's lode. This has theroughly wentlated the mine at this depth. These men are now engaged at the 90 in driving a cross-cut west to intersect the western part of Middleton's lode, which we found at the 50—the point where the old people put out a cross-cut to be about 17 fms.; but by keeping the cross-cut now being driven in a more direct line to the lode we hope to intersect it by driving less ground.—North Wheal Rose: Ground is being cut for bearer-holes at the 120, and the lift is being prepared to drop to the 130, which is the bottom of the downright, and where our next plunger-lift will have to be fixed. Below this point the pitwork will be fixed in the underlie shaft, when we hope quickly to reach the bottom of the mine. All surface operations are going on satisfactorily, and the machinery working well.

GAWTON.—G. Rowe. March 9: In the 117 east the lode is carried 5 ft. wide.

be fixed in the underies shalt, when we nope quanty so reach the consent of any mine. All surface operations are going on satisfactorily, and the machinery wo king well.

GAWTON,—G. Rowe, March 9: In the 117 east the lode is carried 5 ft, wide, chiefly composed of capel and spar, yielding good quality arsenical mundic, and a little copper ore. The stope in the back of the 117 east is yielding 7 tons of mundic and ore per fathom. The stope in the back of the 105 east will yield 8 tons of arsenical mundic per fathom. Stope in the back of the 55-east will yield 9 tons of arsenical mundic per fathom. Boope in the back of the 70 east will yield 9 tons of mundic per fathom. The stope in the back of the 70 east will yield 9 tons mundic per fathom. The lode in tho stope in the back of the 70 east will yield 9 tons mundic per fathom. The lode in the otope in the back of the 70 east will yield 9 tons mundic per fathom. The lode in the as to yield 10 court. Lode: There is no change in the 125 east of lode. Of the same value as last reported; worth 32, per fathom.—New South Lode: The 114 east is worth 144, per fathom. A rise in the back of this level is worth 152, per fathom. The stopes in the back of this level is worth 154, per fathom. The stopes in the back of this level is worth 154, per fathom. The stopes in the back of this level is worth 154, per fathom. The stopes in the back of this level is worth 154, per fathom. The stopes in the back of this level is worth 154, per fathom. The stopes in the back of the level 10 court of large quantities of ore. We sampled yesterday for one month 95 tons of ore of good quality. We intend to sample monthly in future, and shall in all probability considerably increase our returns.

GOODSYERE.—R. Knott, March 12: Roskell's Shaft: In the 95 north been quite so good. Water flows most freely from the lode, which is precenting a kinetic arreaseance for improvement.

GREAT HOLWAY.—W. T. Harris, March 12: Roskell's Shaft: In the 95 north the ground is favourable for progress, and the bra

HOLWAY—W. T. Harris, March 12: necessary upon the lying side y had is favourable for progress, and the branch upon the lying side y had is favourable for progress, and the branch upon the lying side y hitlustones of feed in most congenial character of rook.—Level Enribute: The 80 east pitch in back is producing 10 cwts lead and 1 ton blend with the limit of the limit

blende per fathom. No. 2 pitch continues to look well, and vielding 3 tons lead and 1½ ton blende per fathom. No. 3 pitch in bottom east is worth 10 cwts. lead and 1½ ton blende per fathom. No. 6 pitch in bottom east is worth 10 cwts. lead and 1½ ton blende per fathom. No. 6 pitch in back wests nordouing 5 cwts, lead and 1½ tons blende per fathom. No. 6 pitch in back is worth 10 cwts. lead and 1½ tons blende per fathom. No. 8 pitch in back is worth 10 cwts. lead and 1½ ton blende per fathom. The same per fathom. The same per fathom. The same per fathom. So. 2 pitch in back is worth 5 cwts. I had and 1½ ton blende per fathom. The north 5 cwts. I had and 1½ ton blende per fathom. The same per fathom. So. 2 pitch in back is producing 12 cwts. lead and 1½ ton blende per fathom. Bo. 2 pitch in back is producing 12 cwts. lead and 1½ ton blende per fathom. The same per fathom. So. 2 pitch is worth 5 cwts. lead and 1 ton blende per fathom. Dressing and surface work progressing with usual regularity.

GRE 47 LAXEY.—W. H. Bose, March 11: The 271 driving has latterly been upon a branch of the lode bearing more to the east than the usual course, and recent dialling shows the main part to be standing to the west. We have, therefore, commenced to cross-cut in that direction, and expect to reach it in a few yards. The 259 cwl is passing, through a disordered run of ground, and nearing a point where the lode forms into two distinct reaches. We must see that the level is driven upon the eastern one, as was done in the level above. The 247 is not yet clear of the slide ground, and the lode still unsettled. The winze in this level is worth 8. per fathom. Two roof slopes 121 and 152, per fathom. The 252 end south is at present suproductive. The 220 sole stope is still worth 2. Lyar fathom. The new rise in the 145 north has improved to 222 per fathom, the working on flat branch 122 per fathom, the roof stope is still worth 2. Lyar fathom. Two roof stopes and a rise in this level are no pressure, and we hope it will answer the purpo

value, as well as those in the \$5 roof. The \$6 rise is also not so good at present—
18t. per fathom; but we are meeting with ore sooner than expected in the 37 end driving north, where the lode is now strong and healthy-looking, and worth 12t per fathom; but we are meeting with ore sooner than expected in the 37 end driving north, where the lode is now strong and healthy-looking, and worth 12t per fathom. The 30 separate strong and healthy-looking, and worth 12th per fathom. The 30 separate strong and healthy-looking, and worth 25th too of ore per fathom. The south of its suspended. The 44 end is without change. No. 1 stope is worth 8 tons per fathom. No. 2 stope is worth 4 tons per fathom. The 30 end north has been rather poor during the week, but not without ore. The drifts north and south of rise in back of trial level are producing in the aggregate 25th tons per fathom. We are opening good ground in this direction. The trial drift is being continued from the rise in back of the 30 with good prospects. No. 4 vein, in adit level east, has produced excellent lumps of ore during the week, a large kindly vein. The severe weather hinders our dressing, but not our mining operations.

HEALEYFIELD.—J. Trelease, March 8: We are pushing on the north end under Grindstone Sill with all possible speed, and I am very pleased to inform you that the end to-day is gradually improving for lead ore, and is now producing saving work for the crusher. The end is driven 40 fns. from the Whitwell shaft, and is now getting back under the productive ground that has been stoped away in the sills above, and if the vein hould prove as rich in the present Grindstone Sill as found hitherto in the sills above, lit will greatly increase the value of this part of the mine. No one can tell what is indden underground, but by appearances this morning in the north end I think we may soon meet with a productive run of orey ground. The change of the matrix is right; the vein is again taking its natural direction, and there is more sap in the vein.

ALL GREAT CONSOLS.—Isaac Richards, March 12: In the 110 west at north engine-shaft, the lode part carrying about 1½ ft. wide, is composed principally of capel and quarts. In the 110 east the lode is from 4 to 5 ft. wide, of a very promising character, and is yielding a little tin ore.

MELLANEAR—Capts. Harris and Toms, March 11: The ground in the 10 cross-cut, driving north of the main lode, east of Gundry's shaft, is still full of small veins of spar and sulphurous mundic, and looking very congenial for ropper ore. The lode in the 110, driving west of Gundry's shaft, is 4½ ft. wide, and yielding ½ ton of copper ore per fathom, and looking more promising. The lode in the rise in the back of the 110 east of cross-course, east of shaft, is without change. The lode in the winze sinking in the bottom of the 110, east of shaft, is 4 ft. wide, and yielding ½ ton of ore per fathom, and some saving work for sulphurous mundic.

of shalt, is 4 ft. wide, and yielding 1½ ton of ore per fathom, and some saving work for sulphurous mundic.

In the 120, east of shaft, the lode is 4 ft. wide, yielding 1 ton of ore per fathom and occasional stones of tin. In the 120, west of shaft, the lode is 3½ ft. wide, and yielding ½ ton of ore per fathom. In the 130, west of shaft, the men are still employed in cutting through the lode in the south side of the level to ascertain its value, and, as far as seen, it is yielding stones of copper ore and saving work for tin, but hard and spare for progress. In the 130, east of shaft, the lode is 4 ft. wide, and yielding 1 ton of ore per fathom, and letting out an increased quantity of water. Our sampling on Tuesday next will be about 500 tons of copper ore.

of tons of copper ore.

MID-DEVON.—James Neill, March 7: "A" shaft sunk by 12 men with rockrills and by hand labour, 2 ft. 1 in.; total distance below 90 plat, 4 fms. 9 in,
here is no change in the character of the strata since last report, which calts
weremark. It now takes five revolutions of the wheel ber minute to cope with
filux of water to shaft, but the machinery works smoothly and effectively,

for remark. It now takes now revolutions of the whest per influe of water to shaft, but the machinery works smoothly and effectively, both underground and at surface.

MOUNTS BAY CONSOLS —W. Argall, T. Job, March 7: The lode in the 20 and is still letting out a good deal of water, and produces stones of tin and copper. We have still 10 tribute pitches working, from which we are getting fair quantities of tin. Our machinery is working well, and we have commenced to stamp our next monthly parcel of tin.

NEW CARADON.—N. Richards, March 7: Setting Report: To sink the engineshaft as directed, and timber the same, by nine men, 2 fms. or the month; also fill all the stuff sent to surface, at 14. per fm 3.

NEW LANGFORD.—T. Gregory, March 11: The lode in the 10, west of engine-shaft, the lode is large (3 ft. of engine-shaft, the lode is large (3 ft. of which is being carried), composed of quartz, blende, and a little copper ore. We are putting out a trial drift at the 20 near Malachi's shaft, where we have a good branch of sliver-lead together with a little saving work for sliver ore. We shall continue this for proof of the lode in this part of the mine, which just now layery promising.

very promising.

NEW TERRAS.—Richd. Eade, March 12: Since my last report the lode at the totom end of the engine-shaft has very considerably increased, and is close pon 2 ft. 6 in. wide. It is rich in tin, I am pleased to say. No alteration to obe in the great stope. The sinking of the engine-shaft is progressing satisfactifly, and we find the ground favourable both for sinking and the production tin. We have commenced to clear out the ground for the foundation for the

ew stamps engine-house.

NEW WEST CARADON.—N. Richards, March 11: No. 5 lode west has baken down; it is now about 1 ft. wide, spotted with copper ore. There is

ken down; it is now about I ft. wide, apoited with copper ore. There is no ange to notice in the cross-cut driving south at this level.

NORTH GREEN HURTH.—Jas. Polglase, March 5: The vein in the south dis small, and the sills which were dipping have again assumed their gular appearance. The rise in the vein in the level east looks very promising. othing new in the cross-on.

gegular appearance. The rise in the vein in the level cast looks very promising. Nothing new in the cross-cut. OWEN VEAN AND TREGURTHA DOWNS.—W. Derry, H. Prin, V. James, darch 12: The 57 cross-cut north has just entered an elvan, which is at present string out a large quantity of water. Up to this time the middle lode has not een intersected below the 50. We are cutting down the sides of the 50 level, and preparing to drive it both east and west. All other operations are proceeding

been intersected below the 50. We are cutting down the sides of the 50 level, and preparing to drive it both east and west. All other operations are proceeding as usual, and our machinery working well.

PAR TIN. - Thomas Parkyn, March 12: Since my last report we have cut into some more branches, and the ground in the cross-cut is much improved for driving, and the men are making excellent progress. The cross-cut is now close to the engine-shaft, or I should say under it, and as the water is not all gone from the shaft. I shall commence to rise from the back of the cross-cut to hole to the bottom of the shaft. The air is very good, and we have splendly dry fine weather. I am going to open the old Mount copper lode. This lode paid in dividends in Old Mount Mine thousands of pounds, and it runs right through our property, and as this is one of the Champion lodes of the district there is no reason why it should not be equally productive in Par Mine as in Old Mount Mine, which lies immediately east. You will remember we opened this lode in making the new road to the engine-shaft.

The Old Par Consols main lode in the deep adit is yielding large rocks of tin, the richest 1 have ever seen in the mine. The lode in the winze is 11 ft. wide, producing extraordinary rich work. Assays made by independent mine agents yielded over 1 cwt. of tin per ton of lodestuff. I will venture to say that not another such rich lode can be found again in Cornwall at the same depth, and seeing Par Mine is surrounded with mines that have paid millions in dividends, and you have the same lodes passing through it, I feel confident that when they are further developed the like success will be attained.

PENEGARREG.—Joe Evans, March 1: I am happy to inform you that the new lode continues in good order, carrying good lead, and the water is very strong. The new lode south is looking better than we have seen it before. The spots of ore are larger, the water has increased, and the ground is very hard.

POLCREBO.—W. H. Martin, J. Bichards, March 11:

eport.

PRINCE OF WALES.—S. Roberts, March 10: We continue to make good progress in sinking the engine-shaft below the 102. The apparent m of the ground is all that can be desired in which to find the lode producting a beautiful and congenial killas, with tin reins and joints. We loo his as a favourable indication. In the 45 west there has been nothing in the lode since last week, but the men have to-day made the necessary arations to commence on it to-morrow, and if it continues so product when last taken down (and we see no reason yet to doubt it) they will in very nice parcel of rich copper ore. The lode in the bottom of the 77 w. ots so good for copper ore, but better for tin. For both tin and copper is air wages place to the tributers. We have no change worthy of notice in coints in nonration.

ints In operation.

ROMAN GRAVELS.—Arthur Waters and Son, March 12: I have just c
muthe mine, and beg to say that there is no change worthy of remark
the points since our last full report. Samples of another 100 tons of le

probably we shall find it in a few fathoms driving. We have had good sed behind this cross-course in some of the higher levels, and here it is stronge and looks more kindly for ore than anywhere I have seen it before. It is 2% it wide, composed of spar and quartz with a mixture of copper ore, in a matrix did kindly-looking killas, running north-east and south-west. The two stops is the 130 are worth together 4 tons silver-lead ore per fathom. The ground here is the silver is worth 15 cwist. The two stops is the 130 are worth together 4 tons silver-lead ore per fathom. The ground here is much like what it is in the level below. No. 1 stope in this level is worth 15 cwist. Of lead per fathom, with a good mixture of copper.

SOUTH PENSTRUTHAL.—T. Davey, March 12: Walton's Engine-Shalt. There is no change to notice in the driving of the 126 fm. level, wast of this shalt. We have cut hitches, and put in dam in the 126 fm. cross-cut to give event any water going from here to the deeper part of the mine.—Plat fod Shalt: We are gradully getting the better of the water here, as we have now shall again fork much quicker, as it will be only the shaft to draw from. We are maxing every effort to do the work with the least cleay.

SOUTH TOLOARNE.—March 11: The 80 west, on Fraser's lode, continues to open up good tribute ground, worth about 54. per fathom. The 70 west in the new western ground is promising, the lode is larger and worth 85 per fathom. The 56 fathom level west in the western ground is looking fairly well, worth 55. per fathom. Taylor's bottom is worth 44. per fathom—Gossan, foder in the 46 fathom level west in the western ground is promising, the lode is larger and worth 85 per fathoms. The 56 fathom level west in the western ground is promising, the lode is larger and worth 85 per fathoms. The 50 fathom level west in the western ground is promising, the lode is larger and worth 85 per fathom south we have intersected another branch of a kindly appearance, and judging from a little water issuing from the presen

no doubt large bodies of tin will be met with in this direction. The pitches of the whole are looking better.

STANDARD LEAD.—W. H. Borlase, March 12: The lode in the engine-shaft is exceedingly promising, being composed of crystalline, spar, sulphur, bleed, and lead, with some spots of copper. The footwall part is increasing in width, as we go deeper, and about 3 ft. from it, is a branch about 1 ft. wide, producing good atones of lead and blende, the intervening rock also carrying strings of lead and blende. I should say by sinking the shaft 2 fms, more these part will conjoin, and without doubt will become lead-producing in paying quantities.—New Shaft: The 33 plat is complete, and we are now stripping down the winze to size of shaft, which is progressing satisfactorily considering the fore we have on it. The stope in the back of the 23, south of new shaft, is producing 30 cwits. of lead and blende per fathom. No other change to notice throughout the mine.

Howes, of tead and blende per fathom. No other change to notice unroughest he mine.

TRESA FEAN.—J. Prisk, W. Edwards, March 9: Engine Shaft: The mine is trained throughout to the 140, and in a day or two we shall commence cuiting round for bearers, which we have to fix to assist in carrying the drop lift protous to the being sent to the 146, which is the next working level. The shaft is no good condition, but nearly full of old timber and debris which has made the ropping very difficult, but we are pleased to say we are making good progress in clearing it, and every effort is being made to drop again as soon as possible. Cunnack's Shaft: In the 24, east of shaft, the end is nearly through the round disordered by the cross-course, and in a few days we intend cutting outh for the purpose of finding the main part of the lode, where we expect a good improvement—Wheal Boy's Shaft: We have no change in the tribute itches calling for remark. We are drawing and stamping for the next saled in. The 90-in engine and all other machinery are working well and in endiate of the Internal Confliction.

couth for the content of the cross-course and in a few days we intent couth couth for the content of the couth for the count of the cou

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orth 20% per fathom. We the 84. This will intersect e 184. This will intersect out the lode is worth 16% pe de is of a very promising c

driving east of No. 1 rise the lode is worth 144, per fathom. No change in the stope since last report,

WEST WHEAL PEEVOR.—W. T. White, March 11: The lode in the fidurity was to showing signs of improvement in size and productivenes, and is now producing a little tin. We must be very near the eastern end of the rate of the ground passed through in the 48 over. The lode in the 44 riving was has been more regular in size this last month than we have seen it before for some time, and is producing occasionally some good work for til.

WHEAL CREBOR.—H. Phillipp, P. D. Holman, March 10: The lode in the 144 fm. level driving west of new shaft will yield 3 tons of copper ore, and 1st for mundic per fathom. Our stoping ground throughout the mine consistent to yield in the aggregate 54 tons of copper ore, and 1s tons of mundic per fathom. There is nothing to call for any special remark at any other point in the size during the past week.

for 8 or 9 ft. driving has been rather smaller than it belongs to be, but it is again improving, and is now near the full size of the end, and worth 6f. per fm. The deep sait level to drive west on new tin lode at 5f. per fm.; lode producing stamping work for tin. We also set 11 pitches on tribute at tributes varying from 9s. to 12s. in 1f.

menting, and is now near the full size of the end, and worth 6t, per fm.; The general likewise drive weeks on met in local at 5, per fm.; is deep producing samping work for thin. We also set 11 pitches on tribute at tributes varying familys work for thin. We also set 11 pitches on tribute at tributes varying familys work for thin. The mention of the producing samping work for this for the producing the floods, and having not be tributed in the size mention of the producing the floods, and having not bridges, and by the enter being unfordable during the floods, and having not bridges, and by the enter being unfordable during the floods, and having not bridges, and by the enter being unfordable during the floods, and having not bridges, and by the enter being unfordable during the floods, and having not bridges, and by the enter being unfordable during the floods, and having not bridges, and by the enter the producing which is the producing the floods of the producing the producing which is the producing which is the producing which is the producing the producing which is the producing which is the producing the producin

very hard.

ENVER GOLD.—A. Rickard, Feb. 14: The severity of the weather has interfered very materially with the work in the mill, and for the first half of February the returns are rather small. We see no prospect of doing better until milder weather sets in. The average of the ore is fairly good, although we have to note a decline in the ore from the 1200 and 550. The tributers smelting ore, all of which is for January, has on the whole sold at good priess.

smelting ore, all of which is for January, has on the whole sold at good prizes.

— W. Hanson, Feb. 21: On Thursday there was a change in the weather, and the sun is now warn enough to melt in the middle of the day a little of the immense fall of snow that covers the range; so yesterday the 60 stimps were set to work, and there is not likely to be a shortage of water again this winter. There are no men now at work on any improvements or repairs; but all are employed mining and milling.

EEERHARDT.—F. Drake, Feb. 21: Cross-Cut No. 1 from Drift No. 1: The point at which this driving commences is very nearly equidistant between uppease Nos. 2 and 3, running easterly. Advanced for the week 10 ft.—total, 10 ft.; it is in favourable-looking ledge matter.—Cross-Cut No. 2 from Drift No. 1: We have also advanced this new driving 10 ft., running easterly from near the bottom of No. 2 raise, in a section of ground that in our previous work promised life ore, and from which we had some good assays; it apparently should develope more of the same. In the past week it has shown quarts. Starting work at the above two points in No. 1 drift has necessitated the removal of rails and ventilating pipe from No. 2 drift, and we now have the rails and pipe in place.

HORNACHOR SILVED. Mostly 7, 10 is proposed to drive the 4th level south

on ventilating pipe from No. 2 drift, and we now have the rails and pipe in disc.

HORNACHOS SILVER. - March 7: It is proposed to drive the 4th level south a connect it with the winze from the 3rd to the 5th levels, in the upper part of which the ends of the winze are being stoped, and yield a good quantity of lifer one of good percentage. The stope in the 4th level yielded last month 30 tons of ore, assaying 12 per cent. for lead, and the present yield is as good, last better. In the 5th level the south stope continues to yield ore in paxing landities; last month 30 tons were broken, yielding 11 per cent. lead. A stope has also been started in the back of the north level which promises good results. In the 4th level the two stopes north yield fair quantities of good quality ore. In No. 1 stope south the quantity of ore is not large, but the quality is good—15 per cent. Lead. The loads in the and driving south is somewhat poercy, yieldin the 6th level the two stopes north yield fair quantities of good quality ore. In 80, 1 stopes south the quantity of ore is not large, but the quality is good—liper cent, lead. The lode in the end driving south is somewhat poorer, yielding 2 cuts, aliver ore per fathom. In the 7th level the lode in the end south is fall of success, giving out large quantities of water; ground fair for driving. In the south stope a fair quantity of ore is being broken. There is every indication good stoping ground between the 7th and 8th levels. In the 8th level the lode in the north end is worth 12 cwts, of ore per fathom. The meishern end is not so rich, but an improvement is daily expected. By March 12 there will be a further 20 tons of ore ready for consignment. KOHINOG AND DONALDSON CONSOLIDATED.—A. Rickard, March 9: Nill works well; every prospect of good results.

March 11: Estimated value of milling returns 69 per ton; actual value

March 11: Estimated value of milling returns as possible to week; running 25 stamps.

A PLATA.—Mr. R. Rickard reports a profit of about \$8000 on the mining rations alone in January, and he estimates that February work will show a fit of \$1,000. He states that there is a considerable increase in the silver word the ore produced in the south-east section of the mine, and that there are the ore produced in the south-east section of the mine, and that there are the ore produced in the south-east section of the mine, and that there are the ore produced in the south-east section of the mine, and that there are the oreal results are the section of the mine, and the section of the mine, and the section of the mine, and the section of the mine of the section of the section of the section of the mine of the section of the sect

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in 11: The ine-shaft; use. Pulsand when the pulsand wring barto Peeror addit level., per fm.; to to driving tully 2 fm.; to to driving tully 2 fm.; the color of the pulsand tully 2 fm. These, a radiable, a this end

rewy reason to anticipate very good work at the smelting establishments during the next few months.

\*\*ROTEMA\*\* — Manager, March 7: During February worked 24 days; 50 stamps; reshing 2139 tons; vielding \$51,549; working expenses \$25,553.—N.B. The shore return includes the clean up, and averages \$24.24 per ton. This telegram has been delayed 24 hours in transmission.

\*\*MTSORE GODD.—B. D. Plummer, Feb. 17: Mining Operations; We have been fortunate enough to make another good discovery at the 173, on the west been fortunate enough to make another good discovery at the 173, on the west despenses of Taylor's shaft. No trials had been made in that line before I faired a consecut in the beginning of November. After driving to the west lost, we affect a winze to get into the workings that we are carrying on in the bottom; affect of the mine. There we started to drive south; altogether, we have been south as the for head, and the assay value is 1 oz. 14 dwts. 7 grs. gold jer ton. If it continues it will be a fine acquisition to the discovery in the

well.—Hawkins: In the No. I stope, we have cut through the greenstone dyke which I mentioned in my last report as having out off the ore body, and I am pleased to say, find the ore continuing on the other side, and of improved quality. In the No. 2, there has been an improvement, and we are breaking some good ore. The ore we are milling from the different workings is turning one good ore. The ore we are milling from the different workings is turning of the other work of the different workings and the development of the other work in the different working under a disadvantage, as, comparatively speaking, little work has been done in the development of our locks, it being only a few months ago that we commenced operations. The total ground broken from Oscar shaft, and the manned of the control of the control of the control of the different of the control of the cont

RUBY AND DUNDERBERG CONSOLIDATED.—Feb. 15: In the Dunderberg there are 14 tributers at work: no ore shipped during the week.—Lord Byron: There are four tributers at work on the cave, west shaft, who are extracting small quantities of low grade ore. The indications are favourable, and we expect an improvement in this part of the mine soon. The only perceptible change in the ore hoddes in Nos. I and 2 caves is a slight falling off in the value of the ore, which, I think, will prove to be only temporary, and is not an unusual occurrence. The stope above the tunnel level is producing considerable good ore. There are 25 tributers at work, and 30 tons ore shipped during the week: there are about 49 tons of ore at the mine ready for shipment.

— Telegram, March 19: 65 tons ore shipped, and 52 tons smelted, producing to company 8520.

ST. JOHN DEL REY.—Telegram, March 10: Produce for the month of February, 17,000 · its.; value, 65871; yield, 3°4 oits. per ton; Cuiaba, 1200 tons stamped; yield, 13° oits per ton.

February, 17,000 its.; value, 65971; yield, 34 oits. per ton; Cuiaba, 1200 tons stamped; yield, 13 oits per ton.

TOOOPLLA.—G. E. Trily, Dec. 31': Monthly Report: Carmelita Mine: At Jose's shaft, sinking below the No. 12 level, the sinking of the new lift was accomplished on Nov. 17. We have since put in a strong double skip-road, and commenced to cut the eastern plat at the No. 13 level, which will be completed on Jan. 8, when we shall concentrate all available force in driving the level on the course of the leds. The leds in the plat is recognized.

Debtom of the mine. The 173 north end, on east lode, is composed of strings of quarter and mice schists. The whole as it is broken down contains 3 dwis. 18 grow. My opinion is, that this lode will improve in relonance as we gain depth. My opinion is, that this lode will improve in relonance as we gain depth. My opinion is, that this lode will improve in relonance as we gain depth. My opinion is, that this lode will improve in relonance as we gain depth. All opinion is the same direction of the Mine: Though the assay value given this week does not appear as good, and if anything I think is choose as we will be a second or the same and the same of the same and the same of the same of

#### Labour Notes.

A conference of Yorkshire miners was held at Rotherham, on Monday, to consider what action should be taken in consequence of the decision of the employers to enforce a 10 per cent. reduction. The conference, over which Mr. Cowey presided, was attended by 136 delegates, representing 31,000 miners. The Chairman in his opening address complained that the employers seemed inclined to ignore the men's association, and to treat with workmen individually. This the miners could not allow. They must unite together and present a bold front to the enemy. He hoped there would be no disunion, but that they would give the coalowners to understand that they would not submit to the reduction. A resolution was carried unanimously pledging the miners to resist the reduction by all legal means. It was agreed to hold another conference in a fortnight, and a deputation was appointed to meet the masters if the latter sought an interview. On the part of the conference in a forthight, and a deputation was appointed to meet the masters if the latter sought an interview. On the part of the nurployers there is a firm determination to insist upon the reduction, which is to take effect from March 31, and matters are now in a very critical condition. Notices of a reduction of  $2\frac{1}{2}$  per cent. In wages have been served at all the collieries throughout the South Wales and Monmouthshire coal fields in consequence of a marked falling off in the price of coal, and the rate of wages will now be 15 per cent, above the standard instead of  $17\frac{1}{2}$  as hitherto. Notices have also been posted up at the collieries stating that the contracts of all enginemen and stokers will cease on March 31.

On Wednesday the whole of the miners employed at the Wombwell Main Colliery received a month's notice to leave their employment, consequent upon their refusal to accept a 10 per cent. reduction. The colliery is one of the largest in South Yorkshire. On the other hand, the men are exceedingly firm and determined to resist the demand. On the same day meetings of miners employed at New Oaks Colliery, Woolley Colliery, and Swaithe Main Colliery were held, and decided to resist the reduction, and abide by the decision of the Miners' Association, who are in possession of information that several large

Association, who are in possession of information that several large firms in Yorkshire will not give their men notice.

The Riveters' Strike at Port Glasgow.— The riveters who were in the employment of Messrs. John Reid and Co., shipbuilders, Port Glasgow, have been out on strike since the middle of Cecember, and though offered wages which, it is said, would have given them an average of from 7s. to 8s. per day, they declined to accept. Recently the men demanded that Messrs. Reid and Co. should dismiss the foreman riveter before they would consent to discuss the question of wages. This step the employers declined to entertain, and ou of wages. This step the employers declined to entertain, and on Tuesday a meeting of the shipbuilders of the district was held in the office of Messrs. Reid and Co., when it was agreed that until the men withdrew from the position they had taken up with Messrs. J. Reid and Co. no society men would be taken on in any of the yards in the district. Messrs. Duncan, Russell, and Reid and Co. are the only three firms in the district who have any important work on hand, and unless some agreement is come to on the part of the men there is a fear that the strike will take the form of a lock-out.

LASSWADE-A NEGLIGENT MINE INSPECTOR. - On Wednesday Sheriff Rutherfurd, at Edinburgh Sheriff Summary Court, sentenced Datid Hadden, a fireman at the Pentland Shale Pits, Lasswade, to pay a fine of 1l., with the option of five days' imprisonment, for having failed to mark the day of the month on the face of each working, so as to indicate to the miners that the same had been in-spected by him, and also for having failed to report at the pithead to the workmen as to the ventilation of the different workings. It

compensed to cut the eastern plat at the No. 13 level, which will be completed to at the seatern plat at the No. 13 level, which will be completed to a Jan. 8, when we shall concentrate all available force in driving the level on the course of the lode. The lode in the plat is producing & to not 12 per cent, copper ore, per metre, —No. 12 Level East of Jose's Bladt: In the early part of the month the lode in this level improved in value, it having yielded 159 quintals of 11 per cent, copper ore, in a length of 8 metres; it then became hard and poor. We think this falling off is of short duration, as we are rapidly unarring the productive section of ground which we had in the No. 11 level.—No. 1 Winze, sinking below the No. 12 level; This winze is being sunk with all spirit, and it is required for a laider-roadway to the level below. The lode in the bottom is producing a little awing work, but not in paying quantities.

No. 11 Level East.—In the whole distance driven this level has passed through risen immediately under the No. 5 winze sinking below the No. 10 level is being good indications for further improvement. Rise in back of No. 10 level is being risen immediately under the No. 5 winze sinking below the No. 10 level in order to expedite a speedy communication, as the ventilation in the last-named level in defective. The lode in the rise is producing a little low quality saving with the rise from the level per ore, which produced pretzy good saving work. It then be composed of decomposed grants and the series in length through the produced pretzy good saving work. It then be ore more fairly good tribute ground.

In No. 10 cest during the month the lode proved very changeable and irregular in yield; for a few metres in length the work of the sproducing in little low quality saving work, but not sufficient to value. No. 5 winze sinking below the No. 10 level as well and the producing a little low quality as little low quality as little low quality as little lowed producing a little low quality as little low

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Thursd:

#### THE METAL TRADE. TO

FOR COPPER, IIN, LEAD, &c., apply to-SWORN METAL BROKERS,

ALLHALLOWS CHAMBERS, LOMBARD STREET, LONDON. (ESTABLISHED 1849.)

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NICKEL AND COBALT REFINERS, BIRMINGHAM.

### The Mining Market: Brices of Metals, Ores, &c.

METAL MARKET-London, March 13, 1885.

IRON. & s.d. A		Tin. & s. d. & s.
Pig, GMB, f.o.b., Clyde 2 1 3-2	1 3 1/2	English, ingot, f.o.b 79 0 0-80 0
., Scotch, all No. 1 2 2 0-		bars 50 0 0-81 0
Bars Welsh, f.o.b. Wales 4 15 0-	1 17 6	, refined 81 0 0-82 0 (
in London . 5 5 0-		Australiau 76 15 0
, Stafford., ,, 6 5 0-	-	Banca nom
" in Tyne or Tees 5 0 0-		Straits 76 12 6
s Swedish, London 8 15 0-		COPPER.
Rails, Welsh, at works 4 15 0-		Tough cake and ingot. 49 10 0- 50 10
	7 0 0	Best selected 50 10 0- 52 0
Plates, ship, in London . 7 0 0-	-	Sheets and sheathing. 54 0 0- 58 0
Hoops, Staff., 6 5 0-		Flat Bottoms 57 0 0- 61 0
Nail rods, Staff., in Lon. 6 5 0-	-	Wallaroo 60 0 0- nom.
STEEL.		Burra, or P.C.C 56 0 0 ,.
English spring 12 0 0-1	3 0 0	Other brands nom. 53 0 0- 55 0
cast30 0 0-4		Chili bars, g.o.b 45 15 0- 46 0 0
	2 0 0	QUICKSILVER.
fag. ham12 10 0-1	3 0 0	Flasks, 75 lbs., war 6 0 0
Rails at works 4 15 0-	8 0 0	PHOSPHOR BRONZE.
" Light, at works 5 15 0-	00	Alloys II £106 0 (
English pig common 10 12 6-11	176	, V 106 0 (
English pig, common., 10 12 6-10 L.B10 15 0-11	0 0	VI. and VII 125 0 0
WF 10 10 17 C-11	2 6	. XI 100 0 (
about and has 11 7 6 1		, Duro A, Duro B 97 0 (
mine 11 17 C-11		BRASS.
		Wire 5½d5½d.
- 14 10 0-19		Tubes 7 -71/2
matantaliat 12 10 for		Sheets 5 % -6
Spanish10 10 0-	_	Yel, met, sheath, & sheets 456-476
NICKEL.		TIN-PLATES.* per box
Metal per cwt	-	Charcoal, 1st quality 0 18 6- 0 19 6
Ore 10 percent, per ten	_	,, 2nd quality 0 16 6- 0 17 6
SPELTER.	-	Coke, 1st quality 0 14 0- 0 14 6
Silesian ordinary brands13 15 0-14		, 2nd quality 0 13 6- 0 14 0
special brands, 14 0 0-14	5 0	Black per ton 15 10 0
English Swanses15 0 0-	-	Canada, Staff. or Gla. 1 9 26-9 76
Sheet zinc 16 15 0-17	0.0	
		less for ordinary: 10s, per ton less for

Tanda; IX 6s. per box more than IC quoted above, and add 6s, for each X. Terne-plates 2s, per box below tin-plates of similar brands.

REMARKS.—Our markets have continued very shaky, and business has been transacted at constantly reduced rates. There is still a marked scarcity of orders for all metals, and the speculative enquiry becomes more and more limited. Sales are freely pressed, the reduced prices altogether failing to check the pressure to sell; in fact, the lower prices recede the more disposition does there appear to be on the part of holders to rid themselves of their stocks, and out the market altogether. No longer can they argue that a small logis better than a

in fact, the lower prices recede the more disposition does there appear to be on the part of holders to rid themselves of their stocks, and cut the market altogether. No longer can they argue that a small loss is better than a heavy one, for present prices result in enormous sacrifices; but with the existing tendency of prices there is every probability of such sacrifices being greatly augmented by delay, and, therefore, many holders consider it advisable to sell at once. A more dull and gloomy picture could scarcely be imagined than the present state of our markets. If we look at prices, they are low and unremunerative; if we turn our attention to statistics, stocks are found to be large, the deliveries rather limited, the supplies heavy, and with a prospect of increasing, or if we refer to the surrounding influences they are found to be unfavourable in the extreme, and to bear a weight and burien which our markets just now are unable to stand against; and, further, to take a glimpse of the future anxiety at once attends the prospect.

We have a crippled body of traders to start with, from recent losses and an almost total inability to extend and promote trade. Capital is scarce for trading purposes, higher andfasfe rinvestments alone being now sought after, and stocks are accumulating merely in the hands of a few regular dealers. The British public will not come forward to give relief and make investments, and so the full burden has to be thrown on the shoulders of a few, who, although they may be financially strong, must necessarily feel the pinch of the constantly growing supplies and the comparatively small outlet they have for their stocks. The uncertainty as to whether holders will "shell out," as it is termed, is, perhaps, that which just now disorganises our markets more than anything else, the minimum of prices in such a case being altogether impossible to foresee. Henominimum of prices in such a case being altogether impossible to foresee. Henominimum of prices in such a case being altogether impossi

stantly reduced rates have been accepted. Sales have been freely pressed, and the turnover during the week has been rather large. Although various parcels have changed hands, there has not been Although various parcels have changed hands, there has not been much disposition manifested to buy, but sellers being ready to sell at almost any prices they could obtain the actual business done has been tolerably large, and something like a scare has at times characterised the market. The fall has been serious, and the losses incurred heavy, and although the prospect is far from encouraging, yet at the same time it is well to bear in mind the usual precedents after such sharp movements. There has been a charp fall, and a speedy reaction is not, therefore, improbable. There may be a further declenation in values, and perhaps there is good reason to believe that prices will permanently rule at lower figures than what the trade has been accustomed to in former years, but at the same time to keep uncovered bear "prompts is a course which certainly seems unadvisable. Future supplies may keep prices from advancing permanently, but upon the slightest improvement in the political or commercial atmosphere some recovery, and perhaps an important recovery, would doubtless at once be made in prices. It might prove but temporary, and be unwarranted by the general condition of trade, nevertheless it is the usual and natural course for holders who are submitting to heavy sacrifices to make every effort to restore their market upon each possible opportunity. Already there has been some pause to the downward movement, and there are a few symptoms which would lead to the idea that the minimum of prices has for a time at least been already touched.

IRON.—On the whole, this market has remained fairly steady, but the better feeling noticed last week has not continued, and warrants

the better feeling noticed last week has not continued, and warrants have changed hands at lower rates, whilst in other descriptions there is little alteration to record. The recent improvement in Scotch pigs has been entirely lost, and, therefore, the movement cannot be regarded as otherwise than speculative. It is, however, a matter of comment that while political affairs were the cause of

a matter of comment that while political affairs were the cause of the late advance, political complications have also been the cause of the preent fall. It was first thought that increased military requirements would give 
an impetus to the demand for certain descriptions of iron, and to some extent 
it has, but as such increased enquiry is not likely to prove more than temporary, 
and as ear political difficulties in all parts of the world may tend to contract 
trade, we have at once the reason of the reaction in prices this week.

As has been aiready shown, it is Scotch pigs that have shownt he principal 
fall, and as they form the great medium for speculation the declension of price 
is due to the movements of operators. This statement does not contradict our 
foregoing remarks, for political events have regulated them in the course they 
have adopted; but apeculation has existed in both the up and down movements. Had the market been regulated by legitlmate and ordinary features 
the advance would never have been effected. There was nothing whatever to 
warrant it, and as we pointed out only last week, in face of that rise there 
were features of the most adverse character, and that they would have to be 
removed before any permanency to any advance could be secured. Since the 
present month began the statistical position of the market has not improved; 
but as far as can be gathered stocks have further swollan alightly, and as regards Scotch shipments they are still decidedly unfavourable.

The demand for makers' iron is still limited, and prices are tending in favour of buyers. The Glasgow warrant market has been quiet, with a declining tendency, and on Mondsy the price fluctuated between 41s. -d. and 41s. 3d., while on tuesday there was a fair number of transactions carried through at 41s. 2½d. to 41s, 4d. On Weinesday the market was very flat, and a moderate business was done between 41s. 2½d. and 41s. 2d., but yesterday the tone was decidedly stronger, the quotation being 41s. 2½d. to 41s. 4½d., while to-day the market has again been flat, and the closing price is 41s. 3d. to 41s. 3½d. The shipments last week were 8135 tons, against 10,635 tons for the same week of last year, being a decrease of 2:01 tons, and which makes the total shipments for the whole of this year 77,813 tons, against 93/497 tons for the same time of last year, and 105,104 tons for the similar period of 1833.

There are still 93 furnaces in blast, and the public stock has been further increased by 527 tons, and now amounts to 537,839 tons, against 59,352 tons last week. The imports of Middlesborough pig-iron into Grangemouth last week were 8055 tons, against 5835 tons for the same week last year, being an increase of 230 tons, and which makes a total increase for the whole of this year, compared with last, of 29,046 tons. The Middlesborough market is also reported quieter, and prices have received slightly; and owing to the disturbed state of things in general there is less inclination to do business. The present price for No. 3 from second hands is 34s. 1½d., makers' price being 34s. 5d., although some of them accept rather less.

For forward delivery a slight advance upon the foregoing quotations is asked, and the current price for No. 4 forge is 33s. 1½d. The shipments last week were 14,000 tons, and the public stock has been reduced by 30 tons only. In manufactured there is little or no change to report, the demand being restricted. The present price for No. 4 forge is 33s. 1½d. The shipments last week were 14,000 tons The demand for makers' iron is still limited, and prices are tending in favor to buyers. The Giasgow warrant market has been quief, with a declining te-ency, and on Monday the price fluctuated between its. -d and its. 3d., whi

demand.

TIN.—During the past week this metal has shown a further serious TIN.—During the past week this metal has shown a further serious fall in value. Nearly every day lower prices have been accepted, but the fall has not stimulated the demand, the enquiry for consumption apparently continuing much on a par whether prices are high or low, but the demand for speculation has decidedly fallen off

high or low, but the demand for speculation has decidedly fallen off until to-day, when it has been a little brisker. A little insight into the trade soon shows the cause of the fall, and the indisposition on the part of operators to purchase. First of all, this metal has ruled comparatively high when placed side by side with others. Then again there had been a rather substantial advance at a time when statistics were not altogether favourable, so that, on the merits of the market alone, as fall was to be expected; and of course the reaction has been made the more severe by the general disturbed, unsettled, and disorganised state of affairs during the week.

There is the evidence from the last statistics that supplies have been up to the latest returns in excess of the requirements, and, as it is said that current prices leave a good margin of profit to suppliers, fears are occasionally expressed of excessive supplies. At the same time, in giving every due weight to this possibility, we must also bear in mind that the policy of suppliers during late years has been to keep supplies rather under than over the requirements. Although the reduction in prices during the week has been heavy, nevertheless prices have so far not touched so low a figure as was current prior to the late advance, and this forms another reason to those who are not inclined to take a bright view of the prospect to think that the full extent of the declension in prices has not yet been reasleed. However, to day there has been some recovery from the lowest point touched, and we have yet to see whether it will prove more than a mere temporary market fluctuation.

more than a mere temporary market fluctuation.

SPELITER remains quiet at 13t. 15s. to 14t. for ordinary brands, and 14t. to 14t. 5s. for specials.

LEAD is steady, Spanish still being quoted at 10t. 10s., and English at 10t. 12s. 6d to 10t. 17s. 6d, per ton.

STEEL.—There is a very fair business doing, and prices remain

TIN-PLATES .- No particular alteration is to be reported either in the demand or prices, quotations continuing steady at last week's

QUICKSILVER. - Several secondhand parcels having been pressed on the market, the importers to day reduced the prices to 6l., and effected fair sales. This reduction is of serious import to the Californian mines. The Board of Trade Returns for February are as fol-

WS :	1883.		1884.	1885.	
Imports-February Bottles	3,269	*****	5,126	 4,603	
Two months	3,631		9,743	 8,953	
Exports-February	4,007		4,912	 3,914	
Two months	9,199	*****	9,294	 6,438	

The MINING SHARE MARKET has been particularly flat this week, with scarcely any shares saleable except at a reduction in prices. On the Stock Eachange there has been a species of panic in almost every kind of security; and this has naturally affected mining shares, already depressed by the continued fall in metals. For when buyers hold aloof and sales are pressed prices give way and become merely nominal. The dealers have also been chiefly engaged in the settlement of the fortnightly account, though on this occasion it has been more than usually light.

this occasion it has been more than usually light.

TIN.—The smelters on Tuesday reduced the standards for ore in Cornwall 2L per ton without any material change in the tin market. This has added to the depression in shares, and prices are for the

This has added to the depression in shares, and prices are for the most part nominal.

Carn Breas are quoted 3 to 3½; Cook's Kitchen, 9 to 10; Dolcoath, 68 to 70; Drakewalls, 4s, to 5s.; East Pool, 41 to 42; East Blue Hills, 6s. to 8s.; the lode in the bottom of the shaft is looking well, and worth 12l. per fathom. Killifreth, ½ to ½; South Condurrow, 7½ to 8½; South Frances, 9½ to 10; Tincroft, 6 to 6½; West Basset, 2½ to 3; West Kitty, 9 to 9½; Wheal Agar, 19 to 20; Wheal Basset, 5 to 5½; Wheal Grenville, 6½ to 7; Wheal Kitty (8t. Agnes), ½ to ½; Wheal Metal and Flow, ½ to ½; Wheal Peevor, ½ to ½; Wheal Metal and Flow, ½ to ½; Wheal Peevor, ½ to ½; New Kitty, ½ to 1; at the meeting the accounts showed a debit balance of 31l. 4s. 2d., and a call of 2s. per share was made. The costs for four months were 603l. 8s. 2d. Since the previous meeting in November, the operations have been confined at Thomas's shaft to driving the 20 and 40 fm. levels. In the present 40 end the lode is

in November, the operations have been confined at Thomas's shaft to driving the 20 and 40 fm. levels. In the present 40 end the lode is 2 ft. wide of mundic peach, and a little copper and tin ores. The 20 is about the same as the 40. At the engine shaft the 50 level is being driven west of cross-cut, lode small and poor. West Frances shares have kept firm and in demand, leaving off  $9\frac{1}{2}$  to 10; Mounts Bay, 2s. to 3s.; Phœnix, 1 to  $1\frac{1}{4}$ ; Polberro,  $2\frac{1}{8}$  to  $2\frac{3}{8}$ ; South Crofty,  $3\frac{1}{2}$  to 4; Trevaunance,  $1\frac{3}{4}$  to 2; New Cook's Kitchen,  $\frac{1}{4}$  to  $\frac{3}{8}$ ; Wheal Uny, 1s. 6d. to 2s. 6d. The water is said to be in the bottom of the mine. At West Phœnix meeting, held in Cornwall on Thursday, a call of 1s. 3d. per share was made. The accounts showed costs for four months 800L, and a balance against the mine of 285L. The agents hope their perseverance will be successful.

four months 800L, and a balance against the mine of 285L. The agents hope their perseverance will be successful.

COPPER has further fallen to 46L, and copper mines have in consequence been very quiet, with scarcely any buyers for shares. Prices therefore are merely nominal. Bedford United are quoted 1 to 1½; Devon Great Consols, 1½ to 1½; Gannislake (Clitters), ½ to ½; New Caradon, 2s. to 3s.; New West Caradon, 1s. to 2s.; West seton, 4 to 4½. Wheal Crebor, ½ to 1; this mine continues to look well, and the next sampling will be larger than the last. The 144, west of new shaft, yields 3 tons of copper ore and 1 ton of mundic per fathom. The stopes yield in the aggregate 54 tons of copper ore and 15 tons of mundic per fathom. Prince of Wales, 3s. to 5s.; the late discovery in the 45 seems to be turning out pretty well, and the agent hopes to have some copper ore for sampling this month. The ore here is rich, and far beyond the average of the district. The shaft is also looking promising for tin. South Caradon, 7s. to 8s.; Marke Valley, ½ to ½; Mellanear, ½ to 1. Russell United, ½ to ½; the lode at Stephens' shaft, in the 57, is worth for tin and arsenic 184. per fathom. The agent writes that he looks on this as a good discovery, as the shaft is sunk in virgin ground, having hundreds of fathoms east and west unexplored.

Lead Mines continue neglected, and prices are merely nominal.

LEAD Mines continue neglected, and prices are merely nominal. It will be seen that three foreign lead mines have paid dividends this week, notwithstanding the low price of lead. Vans are quoted 9-16 to 11-16; the agent writes under date of March 12 that Edward's shaft was down to the 135, making good progress. The indications in the 135 were the same as last week. Weardale, 14 to 14; the reports from the different mines of this company are of a satisfic reports from the different mines of this company are of a satisfactory nature, one of two improvements having taken place. Roman Gravels, 3 to 3½; Leadhills, 1 to 1½; D'Eresby, ½ to ½; Old Shepherds, 4s. to 6s.; East Rose, 4s. to 6s.; Ecton, 1 to 1½; Standard Lead, I to 1½; South Darren, 4s. to 6s.; the 130 east is in a strong lode, worth 1 ton of silver-lead ore perfeathom. The two stopes, in the 130, are worth together 4 tons of silver-lead ore. The sale of 25 tons of lead ore registed this work 304, 2s. 6d. 25 tons of lead ore realised this week 3081. 2s. 6d.

FOREIGN.—Bratsberg, \$\frac{8}{2}\$ to \$\frac{3}{2}\$; the Mary Owens left Skien for South Wales with cargo of copper ore. The John Evans is daily expected at Skien to load another cargo. Birdseve, \$\frac{1}{2}\$ to \$\frac{1}{2}\$; Balkis, \$\frac{1}{2}\$ to \$\frac{3}{2}\$; Cape Copper, \$\frac{3}{2}\$ to \$\frac{3}{2}\$; Chile Gold, \$\frac{6}{2}\$s. to \$\frac{7}{2}\$; Colorado, \$\frac{1}{2}\$ to \$\frac{3}{2}\$; Columbian Gold, \$\frac{3}{2}\$ to \$\frac{1}{2}\$; Copiapo, \$\frac{1}{2}\$ to \$\frac{1}{2}\$; Frontia and Bolivia, \$\frac{5}{2}\$ to \$7-16\$; Lisbon Berlyn, \$\frac{1}{2}\$ to \$\frac{1}{2}\$; Oscar, 7s. to \$9s.; Panulcillo, \$\frac{1}{2}\$ to \$2\frac{1}{2}\$; Richmond, \$3\frac{1}{2}\$ to \$1\frac{1}{2}\$; Oscar, 7s. to \$9s.; Panulcillo, \$\frac{1}{2}\$ to \$2\frac{1}{2}\$; Richmond, \$3\frac{1}{2}\$ to \$1\frac{1}{2}\$; Oscar, 7s. to \$9s.; Panulcillo, \$\frac{1}{2}\$ to \$2\frac{1}{2}\$; Richmond, \$3\frac{1}{2}\$ to \$1\frac{1}{2}\$; Oscar, 7s. to \$9s.; Panulcillo, \$\frac{1}{2}\$ to \$2\frac{1}{2}\$; Richmond, \$3\frac{1}{2}\$ to \$1\frac{1}{2}\$; Tolima, \$A\$, \$3\$ to \$3\frac{1}{2}\$; Tolima, \$B\$, \$1\frac{1}{2}\$ to \$2\frac{1}{2}\$; Richmond, \$3\frac{1}{2}\$ to \$1\frac{1}{2}\$; Oscar, 7s. to \$9s.; Panulcillo, \$\frac{1}{2}\$ to \$2\frac{1}{2}\$; Richmond, \$3\frac{1}{2}\$ to \$1\frac{1}{2}\$; Tolima, \$B\$, \$1\frac{1}{2}\$ to \$2\frac{1}{2}\$; Richmond, \$3\frac{1}{2}\$ to \$1\frac{1}{2}\$; Oscar, \$7s.\$ to \$7s.\$ to \$7s.\$ Schwabs Gully, \$4\frac{1}{2}\$ to \$5\$.

The Linares Lead Company have declared a dividend of \$3s\$. 6d., the Alamillos of 1s. 3d., and Fortuna \$2s\$. 10d. per share. Santa Barbara, \$1\frac{1}{2}\$ to \$\frac{1}{2}\$: advices for February show a return of \$2600\$ oitavas of gold, valued at \$1105\$. Kapanga, \$3d.\$ to \$3d.\$ it is understood that about half the amount (2000\delta)\* required for the inspection fund has been subscribed, the responses being chiefly from the country; and, unless the London shareholders also come forwards once, it is intimated that the liquidation must go on in the usual way. Eberhardt and Aurora, \$2s\$. to \$3s\$; La Plata, \$3s\$. 6d. to \$4s\$. 6d. FOREIGN. - Bratsberg, & to 3; the Mary Owens left Skien for South the 75 he will be able to pay the costs of the mine, even at the present low price of copper.

STOCK EXCHANGE securities of all kinds have suffered this week from the serious political difficulties which are pending, and at the time of writing there does not appear any immediate prospect of their peaceful conclusion. Many stocks have been severely pre-judiced, and the fall being quite general, it is remarkable that the judiced, and the fall being quite general, it is remarkable that the shares of the various mining companies largely dealt in have not been more seriously affected. In addition this market is influenced by the fall in the Tin Standards, which came as a very unwelcome and unexpected piece of news. It is hinted in Cornwall that a combined movement on the part of a few of the principal producer might speedily check this downward tendency and in face of the depressed conditions of that industry at present quotations such a movement might be at least attempted. Certainly no more opportune time could be found than the present. The week has been mainly devoted to the completion of the fortnightly settlement.

Our usual telegram from Cornwall this evening states:—During the past week the Cornish mine share market has been weaker in

the past week the Cornish mine share market has been weaker quence of the state of the tin market, and the reduction of 20 on in the tin standards, which now stand at 69s., 71s., and 73s per ton in the tin standards, which now stand at 69s., 71s., and 73s. per cwt. for common, superior. common and refined respectively. Dealings have been principally in Dolcoaths, East Pool, Wheal Agars, Wheal Basset, Killifreths, Tincrofts, and Carn Brea. The latter shows an advance owing to reports of an improvement, said to be worth 50l, per fathom. Tincroft continues to look better, and encouraging opinions are expressed concerning West Basset. Wheal Agar advanced to 20½, but did not maintain the rise; but there has been a fair demand for Wheal Basset. At West Phenix, yesterdsy, the accounts for 16 weeks showed a balance of 285l. against the mine, a call of 1s. 3d. per share being made. The agents report stated that there were strong reasons for hoping that their perseverance would be rewarded. perseverance would be rewarded.

Devon Great Consols.—The monthly sale of copper ore of 806 tons, and which is believed to be a much better quality than last month, is for sale on Thursday next. All the points of operation throughout the mines this week, the manager states, are without any important alteration.

Dolcoath shares have been in fair demand during the week, and a better dividend is expected at the meeting on April 27.

Doicoath shares have been in fair demand during the week, and a better dividend is expected at the meeting on April 27.

Drakewalls.—The report from the mine this week states that in sinking the engine-shaft the lode continues worth 12*l*, per fathon, and with more branches on the north part. Some good tinwork has been broken during the past week in the 50 fm. level, east and west on the north lode, and the agent states that in driving west a junction with the old, or main tin branches, will be effected near the great western greaceurse, which is recarded as a resist of great. great western cross-course, which is regarded as a point of great

importance for making further discoveries of tin.

Kit Hill Great Consols.—In the report from the manager this week he states that tin ore has been met with in driving the 110 fm. level east, where the lode is from 4 to 5 ft. wide, and of a very pro-

ising cnaracter.

Roman Gravels.—The various levels in driving north and south
te producing their usual quantities of mineral. The half-monthly are producing their usual quantities of mineral. The half-monthly sampling of lead ores, 100 tons, has been made this week, and is for

Ruby and Dunderberg .- The weekly report on the mines is withand about the usual quantity of ore is being extracted, though there is considerable difficulty in getting it down to the town, owing to the bad roads from snow. The weekly telegram advises an increased outturn of 66 tons for the week.

The articles in our last two issues on Hydraulic Mining in California were from the pen of Mr. George O'Brien.

THE BANK OF AFRICA.—The annual report for the year ended December, 1884, states that the continued depression in business in South Africa has so seriously affected the earnings of the bank as to below it beyond the result of the second that the second the second that the second the second that the sec place it beyond their power to recommend a dividend. place it beyond their power to recommend a dividend. The figures in the balance-sheet show a large reduction in the bank's business, as well as considerably increased reserves in cash and securities, due mainly to the continued inactivity in all departments of trade throughout South Africa. The cash and invested funds amount to 562,960L 8s. 11d., including 120,000L in Consols and 45,000L in Colonial Government securities. The expenses during the year have been reduced by 10,400L, and further reductions have been made to an additional amount of 4600L, which will take effect during the current year. In pursuance of the determination of the directors, as intimated in their circular to the shareholders on Sept. 27 last, the branches at Graaf Reinet, Somerset East, and Uitenhage have been closed. It is also contemplated to further reduce the effect of the contemplated of the contemplated to further reduce the effect of the contemplated of the contemplated to further reduce the effect of the contemplated of the contemplated to further reduce the effect of the contemplated to further reduce the contemplat been closed. It is also contemplated to further reduce the expenditure by closing other branches in the inland districts, which at present, do not contribute to the earning power of the bank. at present, do not contribute to the earning power of the severe crisis through which South Africa is still passing, has determined the directors to show separately in the balance-sheet all outstandings which are dependent upon the realisation of collateral securities. These are specified under the heading of "Sundry outstandings in course of realisation." Detailed valuations of these securities have been made by the bank's officials, from which it lessened. When a closer approximation to the value of these securities can be arrived at, the directors propose to recommend to the shareholders a reduction in the bank's paid-up capital. The dend payments. The bank's outstanding advances, beyond these above referred to, are well spread, and so reduced in amount that they give no cause for anxiety.

THE BANKRUPTCY ACT.—On Thursday a deputation, representing the Yorkshire Woollen Home Trade Association, had an interview with Mr. Holms, M.P., Sir Thomas Farrer, Mr. Smith (Chief Official Receiver), and Mr. Giffen, at the Board of Trade, to proficial Receiver), and Mr. Giffen, at the Board of Trade, to profice the control of the state of th Official Receiver), and Mr. Giffen, at the Board of Trade, to propose certain alterations in the Bankruptcy Act of 1883. The deputation urged that official receivers should be remunerated by fixed salaries and not by percentage; that more latitude should be given to creditors in accepting an intended offer of composition; and that the restriction on creditors as to the use of proxies should be ablished. Mr. Holms, in) reply, said that they were quite alive to many of the objections which had been made; and he thanked deputation for the very valuable information they had imparted. It was only fair to say that the mode of remuneration of official receivers was under consideration, as were also the fees to solicitors as to improve their charges without admitting any of the enf so as to improve their charges without admitting any of the sol

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which existed under the old system; in fact, the question of fees generally was under consideration by the Board of Trade.

THE NOVEL MOVEMENT IN THE NUT AND BOLT TRADE. On Tuesday a meeting of nut and bolt makers was held at the On Tuesday, Darlaston Green, for the purpose of considering the position of affairs in the trade, owing to a Darlaston employer declining to join the Masters' Association, and his workpoople, about 5 in number, refused to join the men's association, Mr. J. Wood declining to join the Masters' Association, and his workpeople, about 25 in number, refused to join the men's association, Mr. J. Wood occupied the chair.—Mr. Juggins stated that he had to meet the employers in Birmingham that afternoon, to state what should be done in regard to the firm and workpeople who still held aloof. The employers stated that if these men could be brought out, and kept out until the firm joined the 'association they would not enforce the reduction of 10 per cent.; and was it at all reasonable that these tens should dictate the terms upon which thousands of men should the reduction of 10 per cent.; and was it at all reasonable that these 25 men should dictate the terms upon which thousands of men should work? The employer had issued a letter, in which he said that he had paid the list prices, and accused him (Mr. Juggins) of being an employer, but these statements were not correct. Mr. Juggins complained that the employer in question, by representing that he feared violence to himself or men, should have caused the police to be brought down and posted outside the works. If the members of the association had been disposed to use violence they the police to be brought down and posted outside the works. If the members of the association had been disposed to use violence they could have done so long since. The question was, however, what should be done in this case? In another week or fortnight the whole trade would be thrown into confusion if these men did not come out; but so far they would not, perhaps because they were deeply in debt to the firm, although they had been offered 20s. a week and 1s. a week for each child, which was far more than they were getting at work. A resolution having been passed to take proceedings against the employer in respect of statements in his letter affecting certain men named by him, another resolution was passed to the effect that the meeting could not, in the strict sense of the term, regard Mr. Juggins as being an employer, and were desirous of expressing in the most emphatic terms their satisfaction at the manner in which he had always fulfilled his trust with reference to the association. Councillor Granger, who next faction at the manner in which he had always fulfilled his trust with reference to the association. Councillor Granger, who next spoke, expressed his sense of the importance of the movement, and said if it could be carried out in the nut and bolt trade it could be carried out with other trades which quite as much required such a combination. (Hear, hear.) He was sorry to hear men who so far had been good members of the society left directly a question arose which intimately affected them; and he urged that the most stringent moral and lawful means should be taken to show how in signors to themselves the position was which they had assumed and prious to themselves the position was which they had assumed, and how unfair it was to their fellow workmen and the trade. If the movement failed it would be years before such another opportunity movement failed it would be years before such another opportunity would occur; but if it succeeded it would be the means of effecting a solution of many difficulties in trade matters. The bringing of the police there was something like an Irishman trailing his coat at Donnbrook fair as an invitation to a row. (Laughter and applause.)—Mr. Haddleton (secretary to the Birmingham Trades Council) also expressed his sympathy with the movement—On the proposition of Mr. E. Taylor, seconded by Mr. W. Jackson, it was agreed unanimously, "That this meeting instructs Mr. Juggins to appeal to the employers, at their meeting to be held at the Queen's Hotel, Birmingham, to-day for a further extension of time before the 10 percent, reduction is enforced, as the association are still doing their

cent. reduction is enforced, as the association are still doing their best to get out the men." best to get out the men."

A resolution was also passed condemning the action of the employer in obtaining the services of the police.—After some discussion a further resolution was passed, to the effect that the meeting instructed Mr. Juggins to ask the employers to prevail upon Mr. E. Horton, Mr. Keen, and Mr. Harley, with others, to wait upon the employer in question; and requested Mr. Granger and Mr. Haddleton to endeavour to arrange a meeting with the men in that gentleman's early with a view of prevailing upon them to adher to the society. employ, with a view of prevailing upon them to adhere to the society

and the present movement.

In the afternoon Councillor Granger, Mr. Haddleton, and Mr. Jaggins attended the meeting of employers which was being held in the Queen's Hotel, Birmingham. After some conversation it was agreed by the employers present that the consideration of giving spread by the employers present has the consideration of giving sotice for a 10 per cent reduction in wages should be postponed till Thursday, March 19. Hopes were expressed that by that date the few dissenting employers and workmen would have given their adbesion to the proposed scheme of the employers' [and workmen's associations, and the necessity for this reduction of wages be thereby swolded.

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LINARES LEAD MINING COMPANY (LIMITED).-At a meeting of the directors on Thursday a dividend of 3s. 6d. per share, free of iccome-tax, was declared payable on Saturday, March 28.

ALAMILLOS COMPANY (LIMITED).—At a meeting of the directors on Thursday a dividend of 1s. 3d. per share, free of income-tax, was declared payable on Saturday, March 28.

FORTUNA COMPANY (Limited).—At a meeting of the directors on Thursday it was resolved that a dividend of 2s. 10d. per share, free of income-tax, be declared payable on Saturday, March 28.

#### QUICKSILVER.

Imports from Jan. 1 to	Feb. 28,	bottles,	about	1884. 9,743	***	about	1885. 8,953
Exports	99	99	9.9	9,293			6,437
imports for February		9.0	9-9	5,126			4,603
Exports		9.9	99	4,911	* 0 0	8.9	3,913
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wy mas, in sympathy with all other stocks. London companies show a fall of bout 3 per cent.

INSURANCE SHABES have, according to this evening's report of kame. W. L. Wens and Co., of the Stock Exchange and Finet-lane, been said in as follows:— Aliance British and Foreign, 33½ to 34½; City of long marine (Limited), 11/6 to ½; Commercial Union, 16 to 16½; County in to 2; Fire Insurance Association (Limited), ½; Guardian Fire and in 53½; Incentive Marine, 141½ to 14½; Law Fire, 15½ to 15½; Legal as General Life, 13; Lion Fire (Limited), 2½; to 3½; London, 45 to 47; 27½; Mechants' Marine (Limited), 3½; to 31½; in Marine (Limited), 2½; Commercial Marine (Limited), 3½; to 31½; in Marine (Limited), 2½; Common Marine (Limited), 1½; to 70; the British and Mercantile, 10; common Marine (Limited), 4½; to 5; Koyal Exchange, 390; Thames and Marine (Limited), 10½; Universal Marine (Limited), 1½; to 7½; Common Marine (Limited), 10½; Universal Marine (Limited), 1½; to 7½; Common Marine (Limited), 10½; Universal Marine (Limited), 1½; to 7½; Common Marine (Limited), 10½; Universal Marine (Limited), 1½; to 7½; Common Marine (Limited), 10½; Universal Marine (Limited), 1½; to 7½; Common Marine (Limited), 10½; Universal Marine (Limited), 1½; to 7½; Common Marine (Limited), 10½; Universal Marine (Limited), 1½; to 1½; Common Marine (Limited), 10½; Universal Marine (Limited), 1½; to 1½; Common Marine (Limited), 1½; Universal Marine (Limite

#### UNITED MEXICAN MINING COMPANY.

ADVICES FROM MR. HAY, DATED GUANAXUATO, FEB. 23.

El Diamante: On Feb. 14 we had driven in the cross-cut of Saint Paul, 2·10 metres; total, 59·10. We are still advancing through a ramification of quartz, and the only change that has taken place is that less water is coming from the face of the end. In the 1st drift of Saint John west we had driven, on Feb. 14, 2·10 metres; total, 72·85 metres. The threads of quartz have disappeared, and we drive on a wall "relez," which runs along our advance. We had driven, on Feb. 14, in the cross-cut to the "bogo" of Saint John, 2 metres; total, 7:80 metres. Here, also we are traversing a ramification of total, 7.80 metres. Here, also, we are traversing a ramification of

San Cayetano de la Ovejera. We had driven, on Feb. 14, in the San Cayetano de la Ovejera. We had driven, on Feb. 14, In the 11th drift of Saint Andrew east, 3.05 metres; total, 79.55 metres. A new wall has joined the lode to the "bojo," and since it showed itself the appearances have been more promising. In the 13th drift of Saint Andrew west we had driven, on Feb. 14, 2.40 metres; total, 70.80 metres. We had driven, on Feb. 14, in the 15th drift of Saint Andrew west, 2.35 metres; total, 22.55 metres. This working has been abandoned as it continued to be unproductive, and the width of the lode has decreased to 10 centimetres in quartz.

of the lode has decreased to 10 centimetres in quartz.

In the 15th drift of Saint Andrew east we had driven on Feb 14
2-80 metres; total, 27-35 metres. The lode is 60 centimetres wide, and from the middle downwards ore of a fair class is beginning to and from the middle downwards ore of a fair class is beginning to appear. On Feb. 14 we had driven in the 16th drift of Saint Andrew cast 2-25 metres, making a total of 9-10 metres. As I have already told you, this end is continued on the east side of winze No. 11 of Saint Andrew. The lode is I metre broad, and the ore of a fair class ramified over the whole width. We had sunk in the 1st winze of Saint Andrew on Feb. 14 I metre; total, 116-91 metres. The lode is I metre broad, in a ramification of fair ore. In the 2nd winze of Saint Andrew the lode is 60 continuetres wide, without ore but with Saint Andrew the lode is 60 centimetres wide, without ore, but with good appearances. In the 5th winze of Saint Andrew we had sunk on Feb. 14 2:35 metres; total, 67:70 metres. The vein is 70 centimetres broad, of which 30 centimetres are in fair ore. We have sunk on Feb. 14, in the 7th winze of Saint Andrew, 2:60 metres;

sunk on Feb. 14, in the 7th winze of Saint Andrew, 2.50 metres; total, 55.50 metres.

In the 10th winze of Saint Andrew we had sunk on Feb. 14 2.45 metres; total, 31.45 metres. The lode in the 11th winze of Saint Andrew is 1 metre wide, all in good ore. From this working 3½ cargas were sold last Thursday.—San Antonio de la Ovejera: We have driven on Feb. 14 in the cross-cut of New Year 2.30 metres; total 3.25 metres. Nothing has been discovered as yet in this total, 3.95 metres. Nothing has been discovered as yet in this working.—Adit: We have driven on Feb. 14 in the drift of Saint Martin 3.70 metres; total, 198.50 metres. Two threads of quartz dipping to the north have been traversed, and the lode is reduced

a width of 30 metres. Returns from the mine of San Cayetano de la Ovejera for the week ending Feb. 21, are \$13.617.48; outlay, \$3273.62.

#### THE LONDON AND SOUTH AFRICAN EXPLORATION COMPANY (LIMITED).

This company have advice of a remittance amounting to 7400l. for the last six weeks, making, with the 6500l. previously advised, a total of 13,900l. for 12 weeks ending yesterday.

#### THE MONTANA MINING COMPANY.

The final report of the Committee of Inspection and the state-ent of the new board of directors, to be presented to the meeting, a Thursday next, will be found in to-day's Supplement to the Mining Journal.

THE NORTH TRESKERBY TIN AND COPPER MINES (Limit ed). THE NORTH TRESKERBY TIN AND COPPER MINES (Limit ed),—
The prospectus of this company, respecting which an important
meeting was held at the mines on March 2 (reported in our last
issue) will, we understand, be issued on Wednesday next. Applications for shares from private local sources, we are informed, are already being received.

#### NOTICE TO CONTRIBUTORS AND CORRESPONDENTS.

Regular correspondents and contributors will much assist the Editor by forwarding MSS. as early in the week as possible. This is especially the case with British and Foreign mining reports, directors' reports, and similar important information. General news forwarded on Friday should reach this Office by Noon on that day.

LEAD ORES.

# Purchasers, Panther Lead Co. Walker, Parker, & Co. Adam Eyton. Walker, Parker, & Co. Quirk, Barton, and Co. Adam Eyton, Adam Eyton, Adam Eyton, Date. Mines. ar, 7—Isle of Man ...... 9—Central Poxdale 13—North Hendre.... —Rhosesmor —West Trelogan —Halkin - ditto ...... -Penbedn .... -South Darren Adam Eyton. Walker, Parker, & Co.

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Date. Mar. 6—Ta 11—Gr	lacre & Gronan	£ 100	£ 2 5		Purchasers. Villiers Spelter Co Dillwyn and Co. Vivian and Sons.
		BLAC	KTI	N.	
Date. Mar. 11- Ph	cenix United .	11	£43 10	0	Purchasers. Daubuz and Co. Penpoll Co.

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affixed.

Holywell District Lead Shares should be bought for an important rise,

SHARES BOUGHT AND SOLD AT NET PRICES.

PURCHASES FOR FORWARD DELIVERY AT SPECIAL PRICES ON

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#### C. PASS AND SON. BRISTOL,

ARE BUYERS OF LEAD ASHES, SULPHATE OF LEAD, LEAD SLAGS ANTIMONIAL LEAD, COPPER MATTE, TIN ASHES &c. and DROSS or ORES containing COPPER, LEAD, AND ANTIMONY.

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Mines and other properties in any part of Australasia inspected, Reports by Government Geologists procured where required. Terms very moderate, and expense of sending Engineer from England avoided. Address Cablegrams, "ASTON, CHRISTCHURCH."

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Undertake the Management of Mines or Mining Companies.
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Member of the Redruth Mining Exchange.

Those who wish to buy or sell any mining shares should consuit Mr. James. Mr. J. devotes his entire attention to home and foreign mines, and places his special information at the disposal of his clients. That mining offers undoubted advantages for quick returns no one can deny. Look at the enormous sums of money paid in dividends by home and foreign mines. A large number of wealthy families owe their present proud positions to adventuring in LEGITI-MATE MINES. With a better price for metals many of the smaller priced shares would immediately advance some hundreds per cent.

NEW CHILI also NEW POTOSI SHOULD BE BOUGHT AT ONCE. There are many mines worth attention, as proceedings of recent shares holders' meetings prove beyond doubt. During the last-40 years there has no such opportunity presented itself as the present for investment in British mines, Metals are certain to advance. In well-informed circles no doubt is entertained on this point. Buyers must not further delay orders.

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50 New Kittv, 2s. 6d.
50 Prince of Wales, 4s.
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MESSRS. WATSON BROTHERS, in referring to their public Circular in the Mining Journal, would also observe that they BUY and SELL SHARES at the nett market prices of the day in all well established and respectable Mining Companies; also, in English and Foreign Funds, Railway Stocks &c.

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# ROYAL MINING ACADEMY AT CLAUSTHAL (GERMANY.)

73RD SCHOLASTIC YEAR, 1884-1885.

The PRACTICAL PREPARATORY COURSE and the LECTURES of the SUMMER HALF-YEAR will COMMENCE 16th APRIL, 1885.

Programmes to be had (gratis) of The Director—

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Botices to Correspondents.

Avis Important — Aux Abonnes Etrangues du Mining Journal. — Le prix de l'abonnement au Mining Journal pour tous les pays de la Convention Postale Inversantionale est de (il. 3s.) 36 frs. le port compris. L'abonnement est payable par anticipation, ou par mandat postal international ou par autre mandat aux Londres. L'abonnement continuers sauf avis contraire.

German Subscribers. — Any subscription terminating at the end of the current year can, if preferred, be renewed by remitting to our office il. 3s by international postal order; but the preferable course is to obtain it through the German Government. Every German Post Office is authorised to receive subscriptions for the Musing Journal, so that the subscriber has merely to give notice at the Post Office nearest his residence, and the prompt and regular supply will be guaranteed.

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gli Stati della Convenzione postale 11. Sa. (36 frs.) al anno—pagamento anticipato. L'invio de Vagila postale internazionale essendo più comodo e sicuro 6
sempre preferibile a qualunque altro mezzo. Le lettere ed i reclami devono
essere invisti franchi e leggibilmenti soritti alla Direzione del Munia Journal.

Nessuna communicazione potrà essere publicata se non quando abbia, per guarentigia particolare della Redazione la firma e l'indirizzo del Corrispondente.

Non si restituiscono i manoeritti. Richiami e combiamenti d'indirizzo devono
avere unita la fascia in corso sotto cui si spedisce il Giornale.

SUSSUIGA's" letter is not inserted, as it is unsuited to these columns. The same result can be obtained by this correspondent by moderating his state-

# THE MINING JOURNAL.

Bailway and Commercial Gazette.

LONDON, MARCH 14, 1885.

EXPLOSIONS, AND SHOT-FIRING IN COAL MINES.

The explosion at the Usworth Colliery, resulting in a loss of 42 lives, again shows that with all our scientific knowledge, and notwithstanding the best system of ventilation and the adoption of all precautions suggested by the most eminent authorities, fatalities from the ignition of explosive gas in mines are still amongst the dangers that have to be guarded against. But, as has frequently been pointed out in the Journal there is every reason to believe that shot-firing has been one of the principal causes of some of the most terrible explosions recorded. It led to the terrible calamity at the Oaks Colliery, when 360 lives were lost, and only last year, on the occasion of the explosion at the Penyoraig Colliery, in South Wales, the jury returned a verdict that the accident, as it was termed, was due to shot-firing. At the Usworth Colliery shot-firing was carried on, and the probability is that it was the cause of the explosion, although, as has too frequently been the case, those who could clear up the matter are numbered amongst the killed. A good many of the Government Inspectors are in favour of doing away with blasting altogether, but in some mines where scarcely any gas is given off such would certainly not be necessary. At the same time, the risk, without any inconvenience, could be brought down to a very low point, so that a loss of 30 or 40 lives at one sweep resulting from shot-firing in a mine would be rendered impossible. How this could be accomplished was pointed out in the circular issued last year by the Home Secretary, and in which he proposes to have a special rule enacted under the Coal Mines Regulation Act that:—"In every colliery where, in pursuance of No. 8 general rule it is obligatory that the persons ordinarily employed in the mine where guapowder or any other explosives are used, a specified time shall be set apart daily for the purpose of shot-firing, when only such persons as are actually engaged in firing the shots shall be allowed in the collieries." This, no doubt, would cause considerable inconvenience by stopping the ordinary work during the day, but this could be obviated by having the shot-firing carried on at night when the men have left work, and in the manner pointed out by the Hon. A. LYTLLETON in his report to the Home Secretary with respect to the explosion at the Penycraig Colliery. He suggested that there should be an amendment of the special rules relating to blasting, under powers conferred on the Secretary of State by section 55 of the Coal Mines Regulation Act; such amendment to provide that (1) the duty of shot-firing shall be confined to one, or at most two, officials of special competency; (2) no blasting shall in any case take place unless every person is out of the pit whose presence is not was carried on, and the probability is that it was the cause of the

the duty of shot-firing shall be confined to one, or at most two, officials of special competency; (2) no blasting shall in any case take place unless every person is out of the pit whose presence is not absolutely necessary for that operation.

This, if carried out at night, would greatly reduce the risks of shot-firing, and would render the loss of more than three or four lives from is impossible. But, before shot-firing is commenced, there should be a thorough examination of the working places, so as to see that they are free from gas or not. Of course, there cannot be an explosion unless there is a mixture of carburetted hydrogen and air in certain proportions, along with a light of some kind, for a red-hot iron or coal plunged into the most explosive mixture will not air in certain proportions, along with a light of some kind, for a redhot iron or coal plunged into the most explosive mixture will not
affect it. The Usworth Colliery, we are told, was, before the explosion, one of the best ventilated in the district, and this is no way
inconsistent with what afterwards occurred. Hydrogen itself is the
lightest body known, being 14 times lighter than air and 16 times
lighter than oxygen, and, before it explodes, it has only to form oneeighth or one-ninth of the entire volume, the remainder being air;
and it is a singular fact that if one-scenth of explonic acid gas is and it is a singular fact that, if one-seventh of carbonic acid gas is added to the mixture when it is in the highest degree explosive, it will prevent it from going off, and render it comparatively harmless. But, before an explosion takes place, there are usually some premonitory symptoms to warn the miner of danger, and are shown in the lamp he is supposed to carry, and these should always be attended to, and that immediately; but it is to be feared that many miners are so used to seeing the gas in their working places that they pay but little attention to it; and so let it go on accumulating until it is sofficiently explosive as to destroy them. In every place where the safety-lamp continues to burn the air can be breathed without danger, and when the gas forms one-third of the whole volume the lamp goes out. The escape of the gas itself takes place under considerable pressure, and in consequence of its low specific gravity it is always concentrated in the and it is a singular fact that, if one-seventh of carbonic acid guence of its low specific gravity it is always concentrated in the most elevated portions of a mine—usually on the roof of the work-ng places, and mixes with the air that is sont through. In some

mines the gas is given off more freely from the mineral and other strata than is the case in others, and where it accumulates with the strata than is the case in others, and where it accumulates with the air to an explosive point the firing of a shot is sufficient to deal death and destruction in all directions. But it is to be feared that even the precautions laid down in the Mines Regulation Act of 1872 are anything but strictly carried out, especially as regards shot-firing, otherwise an explosion should be a most remote contingency. In the general rules, which form a part of the Act of Parliament itself, it is provided by the eighth that—"a competent person, who shall be appointed for the purpose, shall immediately before firing the shot examine the place where it is to be used, and the places contiguous thereto, and shall not allow the shot to be fired unless he finds it safe to do so, and a shot shall not be fired except by or under the direction of a competent person who shall be appointed for the the direction of a competent person who shall be appointed for the purpose." How far this salutary rule has been carried out at Usworth, as well as at other places, it will, of course, be difficult to say, but those in charge of mines that are known to fire off considerable quantities of gas would be acting wisely in seeing that it was carried out to the full extent. Shot-firing in such mines must always be attended with some danger, but the latter should be brought to a minimum by the enforcement with the greatest strictness of all known precautions, whether laid down by Act of Parliament, or otherwise, that are calculated to give increased security and safety to those who are employed underground. It is time that explosions to those who are employed underground. It is time that explosions of fire-damp were things of the past, and this will be best effected by doing away with shot-firing in flery mines, as it is now carried on in many districts.

#### CARBONIC ACID GAS IN MINES.

One of the results of the recent colliery explosions was that several One of the results of the recent colliery explosions was that several of the explorers were overpowed by the after-damp, which consists principally of carbonic acid gas. There is certainly not so much attention paid to this gas as there is to the explosive carburetted hydrogen, yet it is even more injurious, whilst it is found in more or less quantities in all mines, being most detrimental to the health of those who have to work near it. The gas is produced in all mines by the breathing of the men and horses, the combustion of the lights, the explosion of nowder, and comes in considerable quantities by the breathing of the men and horses, the combustion of the lights, the explosion of powder, and comes in considerable quantities from the fissures and cavities of the strata. Although all gases have the property of intermixing with each other, despite the difference in their specific weight, yet carbonic acid gas, owing to its high specific gravity, is found in the greatest quantities on the floors of mines, and a good deal of it is inbaled by the miners, although they are not probably aware of it. When inhaled in any quantity it acts upon the inhaler the same as poison, and when it enters a place where there is atmospheric air, itself forming 8 per cent. of the whole, there is danger of persons in the vicinity of it being suffocated. The symptoms of asphyxia consist of a sudden stoppage of respiration, and of the pulsations of the heart, preceded by of respiration, and of the pulsations of the heart, preceded by pains in the head and eyes, and the sufferer, when not completely overpowered, is only brought back to life slowly and with some

The gas, indeed, supports neither life nor combustion in its ordinary condition. For combustion it requires two-and-a-half times its weight of oxygen. Great numbers of our miners suffer from its its weight of oxygen. Great numbers of our miners suffer from its effects, although, as a rule, they are not aware of the cause of their illness, never supposing it is the result of the imperceptible gas which they are obliged to breathe, but which it is not difficult to remove. Indeed, there is no reason why the working place of a miner should not be made as healthy as any place on the surface. The principal thing required is ventilation, and the laying down of a rule that no man in a mine shall work in a stagnant attrasphere. a rule that no man in a mine shall work in a stagnant atmosphere, and that the injurious gases shall have a current of fresh air constantly sent through them so as to render them thoroughly innocuous. This is an easy matter, and the working place of the miner could be made far purer and sweeter than most of the workshops in our towns, if the managers so desired. As it is, the death-rate amongst miners if the managers so desired. As it is, the death-rate amongst miners will stand comparison with almost any other class of workmen we have, and this could easily be greatly improved upon. As mines, for various reasons, which will suggest themselves, must of necessity contain a good deal of injurious matter, there is no reason why such should not be constantly removed. Some of our mines, indeed, have with a good deal of truth been likened to the lower parts of a large town inhabited by the very poorest, and before they have had a visit from the medical and practical sanitary authorities preparatory to the removal of all nuisances.

This we know is done at comparatively little cost, and the same could be done with respect to our mines, so as to improve the sani-tary state of the underground places. It has also been stated by those well qualified to express an opinion on the subject, that the mines which were worked the most economically with the largest output were the safest and healthiest, for the same intelligence and practical knowledge which was brought to bear in the carrying out of the one affected the other as an inseparable condition. It is only necessary, as we have before stated, that the working places to be made really salubrious and free from carbonic acid gas and other deleterious inhalations that if left unnoticed must undermine the health of the workmen, should be constantly flushed with copious floods of pure air. Where this is done the miners' place of work floods of pure air. Where this is done the miners' place of work will not only be uniform in temperature but more pleasant and agreeable than an ordinary place on the surface. The value of the miner's life, there is no doubt, could be greatly increased by efficient anitary arrangements underground, which would sweep away the deleterious carbonic and other gases, and to effect this the men have the power pretty nearly in their own hands, and were they to use it wisely it would, in our opinion, be far more to their advantage than the maintaining of agitators to foment disputes on the wages question between them and their employers.

THE UNDEVELOPED COAL FIELDS OF IRELAND .- There are coording to Sir Robert Kane, seven extensive coal districts in this ountry. The Leinster coal field extends over the greater part of Kilkenny, Queen's County, and Carlow. This bed, consisting chiefly of slate-coal, lies within an average of 140 yards of the surface, and covers an area of over 5000 Irish acres. The Manster coal field extends over the counties of Cork, Limerick, Kerry, Clare, and Tipperary; and consists mainly of six layers of coal, altogether forming one of the most extensive developments in the United Kingdom. The whole of this vast tract remains comparatively nawayeed. The The whole of this vast tract remains comparatively unworked. The Ulster district includes the coal beds of Coalisland and Dungannon, covering over 7000 acres; and the Antrim beds, resting on the mica slate. The Connaught district, covering an area of 114,000 Irish acres, extends over parts of the adjoining counties of thoseommon, Sligo, Leitrim, and Cavan. It is in the centre of this district that the Arigna Coal Mines and Ironworks lie.

QUEENSLAND-BRISBANE. - The Under-Secretary for Mines has received a telegram from Warden Mowbray, of Herberton, stating that a discovery of silver ore of great richness had been reported in the Albion lease, near Irvine Bank. The assay shows over 20,000 ozs. MINING TITLES-NEW SOUTH WALES

MINING TITLES—NEW SOUTH WALES.

The new mining district of Silverton, New South Wales, where the rich silver mines have been opened on the Barrier Ranges, near the border of South Australia, is being thrown into some existement consequent on the uncertainty of titles, and delays in issuing leases. One of the great drawbacks that gold mining generally has had to contend with has been the ever changing and complex character of the laws and titles regulating mining properties. Local mining boards and legislators in Parliaments appear to have been possessed with a mania of framing mining laws with the object of making them as complicated as possible. In the earliest days of the industry the Governments of Victoria and New South Wales imposed the most arbitrary and prohibitive measures, apparently with the object of retarding the industry instead of giving encouragement to: Legislators who neither knew anything about mining, or took any interest in its developement, used to try their prentice hands at a system of patchwork legislation that brought about confusion and uncertainty. To such a degree of indefiniteness of title had the system of patchwork legislation that brought about confusion and uncertainty. To such a degree of indefiniteness of title had the mining laws of Victoria been brought, that at one time nearly all the gold producing claims on the alluvial leads that held their fitle under or derived from the frontage system were involved in litigation from the time the companies commenced to get gold until shey were nearly worked out. Thanks to the agitation for reform inaugurated in Ballarat in 1860, the mining laws of that colony have become more definite and fairly satisfactory. New South Wales legislators do not yet appear to be alive to the desirability of framing inaugurated in Baliarat in 1860, the mining laws of that colony have become more definite and fairly satisfactory. New South Wales legislators do not yet appear to be alive to the desirability of framing their laws on a simple, definite, and practical plan, and the mining industry becomes hampered and crippled in consequence.

The Lands Department holds sway, and issues titles over mineral lands one side, while the Mining Department also holds sway, and issues titles over mineral lands on the other side, and the consequences of legicles processing which may lead to swipe may lead t

quences are a glorious uncertainty, which may lead to serious and costly disputes. The Silver Age pens a long indictment against the Government for the perplexing uncertainties that are arising under the ill-devised mining laws, and says so numerous are the defects that it is hard to tell where to begin. "Take, for instance, the uncertainty that prevails concerning the validity of mineral conditional purchases. Go to the Attorney-General, to the Minister of Lands, and they will tell you that the mineral conditional purchase is the and they will tell you that the mineral conditional purchases is the only absolutely safe title provided by the law. Visit the Department of Mines, and there it will be insinuated with equal candour that as a title mineral conditional purchase is not worth the paper

that as a title mineral conditional purchase is not worth the paper it is written on."

A resident on the Barrier silver field wrote to the Department of Mines asking this simple question—"If I apply for a mineral conditional purchase, and it is granted, will this title be good!" The reply was characteristic. It was simply an intimation that the question was one for a lawyer to decide, and the Minister declined to answer it. The condition of the law is now that it is quite possible answer it. The condition of the law is now that it is quite possible for a party of miners to hold a claim under a mineral lease from the Mining Department, and while busy at work developing the mine (300 or 400 miles from Sydney) and having proved it of good value, some scheming loafer in Sydney may go to the Lands Department and acquire a title over the same ground by a "mineral conditional purchase," without even going near the ground. Instances of such cases are absolutely given, and are constantly taking place. Such an outrage on justice, honesty, and common sense is a disgrace to the Government, and will prove a serious drawback to the introduction of capital for the development of mining in New South Walsa. Therefore, the sooner they effect a radical reform the better. It Therefore, the sooner they effect a radical reform the better. It is said there are claims on the Barrier silver field that have actually been paid for three times over by their owners—first, as mineral conditional purchases, then as mineral leases, and then again as mineral conditional purchases. And these very owners would willingly pay the fees over again to know that even now they are safe. If the Government do not rectify the abuses of such a reprehensible system of mining law it will bring about deployable consequences. system of mining law it will bring about deplorable consequences, retard the progress of mining, and destroy its prosperity. There should be but one system of title for mining claims, and edly one method of taking possession, and that is by pegging out and properly defining boundaries, and one method of holding possession by fulfilling efficient labour conditions. These are all the conditions necessary for mining claims, and should constitute a profect title. perfect title

#### THE SEPARATION OF METALS FROM ARGENTIFEROUS BLENDE AND COMPLEX ORES.

Some important experiments on a large practical scale have been carried out this week at the works of WILLIAM ELMORE (Limited). Charlotte-street, Blackfriars, S.E. Mr. William Elmore's process for the separation of gold and silver from argentiferous copper has been in operation in Swansea for over three years upon a very extensive practical scale. Its continuous success has caused it to be permanently adopted within the last few months by the largest and most influential forms, including Messrs Charles Lambart and Co. Messrs. Williams. adopted within the last few months by the largest and most innuesifirms, including Messrs. Charles Lambert and Co., Messrs. Williams, Foster, and Co., Messrs. H. H. Vivian, and a number of others in this country and abroad. Whilst the process at Swansea, however, has been worked only upon metallic copper for the purpose of separating the gold and silver from it, leaving all three metals pure and distinct from each other, Mr. Elmore's processes for treating the ore direct have only just assumed a thoroughly 'practical shape after many years constant and tedious experimental work. The first of the series of practical demonstrations carried out in Charlotte-street this week was for the separation of silver and zinc from argentiferous blende, and an analysis of the ore in the ordinary way showed the series of practical demonstrations carried out in crom argentiferous blende, and an analysis of the ore in the ordinary way showed the presence of zinc 45 per cent., and silver 228 ozs. per ton of ore. These metals were separated, and on completion it was found that the residue contained only 1.3 per cent. of zinc, the whole of the remainder being produced in metallic form perfectly pure, and the silver actually recovered was 237 ozs. per ton of ore, whist. 8 of 1s. of gold was recovered which the ordinary analysis of the ore before commencement failed to show any sign of. The next demonstration was for the separation of metals from a complex ore, an analysis of which gave the following figures:—Copper, 1.39 per cent.; zinc, 305 per cent.; rinc, 504 per cent.; lead, 17 per cent.; silica, 22 per cent.; sulphur, antimony, &c., not estimated; silver, 15.8 ozs. per ton of ore; gold, 3 dwts. per ton of ore.

After treatment an analysis of the residue gave 1.73 per cent. of zinc, the whole of the remainder of the zinc and the whole of the copper were produced in metallic form pure, the iron and lead having been discarded as valueless:—239 ozs. of silver, and 1.2 oz. of gold were produced from the ton of ore, the result being in each case greater than that shown by a previous analysis of the ore.

greater than that shown by a previous analysis of the ore.

THE South Australian Register (Jan. 31) says:—Owing to the extremely low price of copper the proprietors of the leading mines on Yorke's Peninsula have been compelled to reduce the number of their hands and to decrease wages. At a meeting of the Monta miners, Capt. Hancock said.—"Contracts would be let by tender, and of course there would be no fixed weekly rate of wages. Contractors would have all they could earn. The contracts would be for definite pieces of work, and the full amounts earned would be paid. At the same time the wages for all stem labour and owners' account work must certainly be reduced. In order also to reduce costs the services of some of the men on the mine would have to be dispensed with. Some others who had been working on contract would feel disposed to go. They might some day be glad to come back again, and is would be glad to welcome them. It would all depend on the price of copper." Reductions in the staff have also been made at the Hamley Mine, and the wages have been reduced by 10 per cent.

A report has been received by the Mining Department from the manager of Lansell's No. 180 Mine, Sandhurst, that during the fett-night 681 loads of quarts were crushed, and yielded 454 cm. gold.

Curswick.—The second and richest gutter of the Home Faddock has, been struck in the Hepburn Consols, but is not sufficiently opened up to speak of its value up to speak of its value

#### THE BOARD OF TRADE RETURNS.

The Board of Trade Returns for the month of February are very discouraging, allowing for the fact that the corresponding month contained 29 days, a difference equal to exactly 4 per cent. The total of British and Irish exports was valued at 16,850,000L, or a decrease of nearly 11 per cent., while the imports were 29,458 000L, or 19½ per cent. less. The reshipments, however, of foreign and colonial produce improved 37 per cent. to 6,205,000L, mainly due to an augmentation of 160 per cent. in wool, although some of the leading articles showed a decline, including rice, which fell off 50 per cent. All classes of exports exhibit a reduction, particularly as contained metal and metal manufactures, and yarns and textile fabrics. cont. All classes of exports exmott a reduction, particularly as regards metal and metal manufactures, and yarns and textile fabrics. Cutton price goods, wool and woollen yarns, and carpets were more freely exported, but the value, nevertheless, was smaller. The chief falling off was in the item of refined sugar, 46½ per cent. in quantity against 61½ per cent. in value. Of imports the reduction is greater in regard to raw materials than in respect of articles of food and drink. Wheat and flour despite an increased import represented a drink and are and serve descriptions of provisions showed a similar drink. Wheat and nour despite an increased import represented a lower value, and some descriptions of provisions showed a similar feature, especially refined sugar. The following tables give particulars for the month as regards metals, &c., from which it will be gathered that prices have declined and, so far as regards exports, in spite of increased shipments:—

		IMPORTS.	Valu	10.	Increase or
Copper ore Regulus and precipitate (Lawrought & part wro Lead, pig and sheet (In in blocks, ingots, or slabs	1884. Tons 11,10 4,74 ught 3,27 10,18	Tons. 0 8,764 5 3,740 4 2,308 8 11,866	1854, £ . 115,568 . 154,465 . 196,297 . 121,511	1885. £ 64,189 100,467 118,167 128,479	21 45 21 35 30 39 % *16 % *5 %
Of Branco	RI	S-SHIPMENT	rs.		
Copper	1,17	4 908 EXPORTS.	. 99,435	89,919	
	Quan 1884.	tity. 1885. Tons.	Valu 1884.	e. 1885.	Increase or decrease. Quan. Value. Per cent. £
Copper, unwrght., in ingots, cakes, slabs. Wrought	26,899 38,945	30,745	82,153 141,765	80,730 100,170	*141/4 0 1/4 *19 293/4 *63/6 73/4
Total	94,106 2,130 369 515,624	92,516 2,858 360 1,488,473	29,161 32,618 739,695	34,741 28,527 691,557	114 616
		Denotes incre			

#### SCOTCH PIG-IRON WARRANT MARKET.

Mr. W. WILSON (Glasgow, March 12) writes :- The warrant market Mr. W. Wilson (Giasgow, March 12) writes:—The warrant market has lost the improvement reported last week. Sellers have prevailed, and the price is down fully 6d. per ton. Trade advices are still discouraging, but not more so than they have been for some time. Shipments for the week do not compare favourably. There is no change in the number of furnaces blowing. 813 tons were put into store here last week, while 30 tons were taken out at Middlesborough. Business was done during the past week at the following prompt cash

Thursday, March 5. 41/5½, 41/4½, 41/8½, 41/5½	Friday, 41/6, 41/	March 6, 634, 41/5		Monday 41/3,	11/4	. 41/3
	day, March 41/3, 41/	***		raday, M	1/43	16
		1884.		1883.		1882.
Price of Scotch Warrants, March 9	41/356	. 42/9		47/9		48/5
Purnaces in blast in Scotland do		. 97	***	113		108
Iron in store at this date	587,989	. 594,005		589,203		630,361
Shipments of Scotch pig-iron for a	8,135	. 10,636	***	10,552		13,28
Do. since beginning of year	77,813	. 93,497		105,104		105,251
Price of Middlesbro', No. 3, March 9	34/136	. 37/	400	40/6		42/9
Furnaces in blast Middlesbro' dist.	95			119		
Middlesbro' Iron Imported at Grangemouth, week ending March 7	8,065	. 5,635	***	7,734	***	4,790
Do. do. since beginning of year	85,591	. 56,545		48,521	***	62,190

#### COLLIERY DISASTERS.

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The following is a list of the principal colliery disasters during the last 40 years :

Colliery.		ives lost.
Bigge Pit, Northumberland	April 19, 1841	39
Haswell	Sept. 28, 1844	
Hetton	Feb. 6, 1855	22
Houghton	Nov. 11, 1850	27
Lund Hill	Feb. 20, 1857	180
Hetton	Jan. 20, 1860	
Burradon	March 2, 1860	74
Hartley	Jan. 16, 1862	
Walker	Nov. 22, 1862	16
Coxlodge	March 10, 1863	19
Ferndale	Nov. 8, 1867	
Sheffield	Nov. 15, 1864	
Oaks	Dec. 12, 1866	350
Talk o'th' Hill, Staffordshire	Dec. 16, 1866	
Wigan	Sept. 6, 1871	
Seaton	Oct. 25, 1871	
Rotherham	Jan. 5, 1875	
Swaithe Main	Dec. 7, 1875	
Wheatley Hill	Sept. 26, 1876	
Abercarne	Sept. 11, 1878	
Risca	July 15, 1880	
Seaham	Sept. 8, 1880	
Penycraig	Dec. 14, 1880	
Trimdon Grange	Feb. 17, 1882	
Induoe	April 18, 1882	
West Stanley	April 19, 1882	
Usworth, Durham	March 2, 1885	

BAILWAY RATES AND CHARGES,-The Government are arrang ing for the appointment of a Boyal Commission to consist of the Railway Commissioners and experts, representatives of railway companies, chambers of commerce, and trades associations to take evidence and report upon the whole subject of railway rates and charges. Yesterday the railway companies' representatives met to consider the course to be taken on their Rates and Charges Bills. The suggestion of Mr. Chamberlain that they should withdraw the Bills was discussed at length, and it was decided to seek another interriew with the Decided of the contract charges. Yesterum, consider the course bearing was unscussed at length, and it was decided to see allowed between with the President of the Board of Trade. The railway companies' case is that their Bills are based on the recommendations of the Belect Committee on Railway Rates, that these have received the analysis to call moon the approval of the Board of Trade, and that it is unfair to call upon them to withdraw their Bills after they have incurred great expense, nerely because a popular agitation has been got up against than

The London and North-Western Railway Company opened, on Monday, a double-line branch railway, about 8 miles in length, extending from P attbridge, Wigan, to Pennington, near Kenyon Jenetion. The line passes through a large coal mining district, and will be used for all mineral traffic for Manchester and the South, thus relieving the Wigan depôt, through which it formerly passed.

We are the Wigan depôt, through which it formerly passed.

Wg are requested to state the Scarborough and Whitby new line The are requested to state the Scarborough and Whitely new line of railway was informally opened last Saturday, when a special passenger train was run the whole length. The line links together two fabionable watering-places, and opens out some of the most picture of the state of the most picture of the state of the tion with their system, on favourable terms.

#### REPORT FROM CORNWALL.

March 12.- The slight reaction which set in just after our last report was penned has had comparatively little influence, in conse quence of the general feeling that fluctuations of a temporary character are to be expected just now, especially having regard to the unsettled state of the political horizon. Moreover, it is admitted, beyond the possibility of reasonable controversy, that the effects of foreign competition continue to decrease, while from every part of our mining areas in the county there come reports of steady im-

provement in the conditions of most of the more important mines.

The dividend in Wheal Agar has been well deserved, and no sympathy need be wasted upon the adventurers who were foolish enough to sell 2s. 6d. for 2s. or 1s. 6d. The buying and selling of future dividends is pure gambling, and the more unfortunate it proves the better. Some valuable criticisms were offered at the meeting by Mr. W. Husband on the detail of the new compound engines, to Mr. W. Husband on the detail of the new compound engines, to which we referred the other day, as regards the necessity of providing hand-starting gear. The point is one that clearly calls for the serious attention of the committee; and, moreover, the adoption of Mr. Husband's suggestion involves neither difficulty nor cost worth a moment's consideration.

The railway boycotting at Camborne progresses with vigour, and, what is more, with financial success. Is is something in these days to be able to discover and prove that railways are not always the indispensable necessities of business existence their managers commonly imagine.

monly imagine.

By the death of Capt. Thomas Angove, of Camborne, one of the most familiar faces have been lost to mining circles, and one of the most respected business men of the further West. His connections as a copper buyer were of the most extensive character, both at hom and abroad, and he had an amount of knowledge of the copper trade that was probably unexcelled. His removal leaves a gap not easily to be filled.

to be filled.

The North Cornwall Railway is making steady, though not very rapid, progress on its first section between Launceston and Hallwill; and it is intended before long to make a start with the really important Cornwall section, so far as mineral interests are concerned—that from Launceston to Delabole. The opening up of the slate district is thought likely, and with good reason, to yield a large and remunerative traffic. The only new railway works actually in progress in Cornwall now are those of the Bodmin branch. In Devon, however, the Exe Valley line may be regarded as practically complete.

There can be no mistake whatever as to the popular feeling in the county with regard to the proposed mining constituency. Meetings

There can be no mistake whatever as to the popular feeling in the county with regard to the proposed mining constituency. Meetings have been held in every centre of importance affected by the change proposed by the Commissioners, and everywhere the feeling evoked has been strongly in favour of the original proposal, in which Redruth was linked with Truro, and Camborne with Helston; instead of Redruth and Camborne and Helston and Truro. The general character of Cornish mining is well shown in the following figures, prepared by Capt. Josiah Thomas:—In the Launceston and Bodmin-Liskeard divisions there are 17 mines at work and 45 abandoned mines; in the St. Austell district, 4 mines at work and 31 idle; in the Truro-Helston division 11 mines at work and 56 idle; in the Camborne-Redruth division 41 at work and 115 idle; and in the St.

Camborne-Redruth division 41 at work and 115 idle; and in the St. Ives-Penzance-St. Just district 11 at work and 46 idle.

The third lecture of the Museum Course for working men at the Plymouth Institution was delivered by Mr. R. N. Worth, F.G.S., and drew a large and appreciative audience. Mr. Worth took for his drew a large and appreciative audience. Mr. Worth took for his subject "Rocks," with special local references. After giving the scientific definition of the term as applied to all the solid masses of the crust of the earth which had common characteristics, he explained that it had been customary to divide rocks into two great classes—those formed by the operation of fire—the igneous or massive and those in forming which water played a principal part, the classes—those formed by the operation of fire—the igneous or massive, and those in forming which water played a principal part, the aqueous, or sedimentary, or stratified. The earth was originally a molten mass, so that all rocks must once have been in a state of intense heat. Later on these rocks began to decay; their loosened particles were washed down into the valleys, and thence into lakes and seas, and there deposited in layers, which subsequently hardened and became the ordinary aqueous—bedded or stratified rocks. At the present day wind and rain and heat and frost, were steadily washing down the land and the stream were carriing the resulting the present day wind and rain and heat and frost, were steadily wearing down the land, and the streams were carrying the resulting particles to the ocean, there to be thrown down, and commence a new round of change. But all rocks were not comprised within these two great classes. Some were mainly, if not wholly, organic. Such were the coral reefs, in one of which the Plymouth limestone had its origin. Such was the chalk, made up largely of the minute microscopic coverings of minute animals called foraminifera. Such were the ancient coal seams, and the more recent peat mosses. Other rocks, again, had a chemical origin. Such were the stalactite and stalagmite of their local caves, which were formed by the re-deposition of carbonate of lime dissolved from the limestone rocks by the action of water which contained carbonic acid. And there were also aerial rocks. In dry, hot regions, subject to violent storms, the winds could grind down the hardest rocks by driving across and against them particles of sand previously worn off. Igneous rocks, like those with which they were most familiar in the present day—the lava of volcanoes—might be recognised far back throughout the earth's history. Igneous rocks were most varied in the present day—the lava of volcanoes—might be recognised far back throughout the earth's history. Igneous rocks were most varied in their characteristics, some were crystalline like granites, others seemed to be made up mainly of a paste of even texture, like many Cornish and Devonshire elvans, which were veins of molten matter that had been intruded into fissures of other rocks. Some were glossy like obsidian, some full of little cavities like pumice stone. Others were massive in texture, showing crystalline structure only under the microscope. There was much more variety in form and structure than in original composition in these rocks—the conditions under which they solidified, whether at the surface or under pressure; the rate at which they cooled; and the position of portions relatively to the whole mass; giving rise to the most extreme difference of physical characters. Trap and greenstone were general terms applied to ancient volcanic and intrusive rocks. A third class of igneous rocks was the fragmental. They consisted of volcanic ashes igneous rocks was the fragmental. They consisted of volcanic ashes and similar ejected materials, which were often so solidified and altered by cleavage as to be with difficulty distinguished from ordiantered by cleavage as to be with dimentify distinguished from ordinary slates. The aqueous or sedimentary rooks were divided into three great classes—the arenaceous or sandy, which included all the sandstones and grits; the argillaceous or clayey, which embraced the great body of the slates; and the calcareous, or limy, which comprised all the limestones. But there were fragmental rooks in this division also. Degradations of existing materials did not always go so far as to reduce them to fine grains or mud. Pebbles of various sizes were often cemented together in various ways, and thus formed rar as to reduce them to fine grains of much. Peoples of various sizes were often cemented together in various ways, and thus formed conglomerates. Where the fragments were angular instead of being rounded the resulting rock was called a breccia. But Nature did not stop with the mere 'production of these igneous and aqueous rocks. Directly they were made she set to work to alter them, and hence what were known as metamorphic rocks originated. In a broad general sense, indeed, all rocks were altered. Heat and cold, pressure and chemical and electrical forces were altered. pressure, and chemical and electrical forces were always at work, and the changes produced varied from the mere surface alteration known as "weathering" to a complete recast of structure of relative known as "weathering" to a complete recast of structure or relative composition. It was only when such greater changes were produced that the term metamorphic was used. What was called the "cleavage" so well marked in roofing slate was due to enormous pressure causing a rearrangement of the particles. This was a form of metamorphism operating over large areas, often to the obliteration of former structure. So again with the production of such a rock as gneiss. That was composed of the same constituents, practically a grantife quarts mine, follows, but instead of being in rically, as granite—quarts, mica, felspar—but instead of being in irregular crystalline mixture they were disposed separately in leaves or foliations; and this arrangement of the constituent minerals it was that distinguished a schist from a shale or slate. Beside the was that the parties of the safected large areas—regional metamorphism which thus affected large areas—regional metamorphism—there was what was called contact metamorphism, of which the skirts of the granite areas supplied beautiful illustrations. effect of the intrusion of the heated granite among the silurian, Devonian, and carboniferous slates had been greatly to change the character of these adjacent rocks. Intrusive trap rocks also caused

important changes. Some slates were literally baked into what was called porcellanite. In conclusion, the lecturer explained the character and importance of micro-petrography.

THE Western Daily Mercury says:—We are indebted to the courtesy of Capt. Josiah Thomas for the following information, just now of an important nature, respecting the divisions as recommended by Mr. Commissioner Pelham. In the Launceston and Bodmin-Liskeard division there are 17 mines at work and 45 abandoned mines; in the St. Austell district 4 mines at work and 31 idle; in the Truro-Helston division 11 mines at work and 56 idle; in the Camborne-Redruth division 41 at work and 115 idle; and in the St. Ives-Penzance-St. Just district 11 at work and 46 idle.

#### REPORT FROM DERBYSHIRE AND YORKSHIRE.

March 12.—The question that is now creating more than an ordinary amount of interest throughout the Midland coal field is that relating to the proposed reduction of wages, notice of which has been given by the colliery owners throughout the greater part of the West Riding. The Derbyshire miners evidently consider that the reduction will not be confined to the Yorkshire mining districts, and have consequently taken counsel together, so as to oppose any attempt that may be made to reduce their wages. There was a Conference on Saturday at Chesterfield, when, in addition to the wages question being considered, it was also agreed that the Derbyshire miners should be represented in the new Parliament by one of their own body. The question, no doubt, will ultimately be with respect to his payment, for the lucky individuals who have hitherto been selected for the position consider that the dignity can only be maintained by a salary of 500%. a year. Of course this is rather better than delving and striking at the coal face, and if the men are willing to give it, then nobody can well be dissatisfied, although the salary and the duties attached may be the means of sending a good many Richards into the field. Mr. Ben Pickard, who has selected himself as a fit and proper person to repre-March 12.—The question that is now creating more than an ordiwho has selected himself as a fit and proper person to represent the Normanton district of the West Ridding, was present at the Conference held at Rotherham on Monday on the wages question, and counselled the men to give the strongest possible opposition to the proposed reduction. As the colliery owners are as equally determined to enforce the reduction, a strike appears to be inevitable, and is much to be deplored, for it must result in a great deal of privation and misery. The men from their own reserves deal of privation and misery. The men from their own resources could stop out but a short time, and if only some 7000 or 8000 go on the Asocciation, all the funds that can be raised, even to mortgaging of the offices at Barnsley, would very soon be exhausted. In addition to this, there is the vast body of non-Unionists, numbering probably four to one more than those connected with the Association, who have nothing to fall back upon, and they cannot expect much from the public or even those poor shopkeepers they Association, who have nothing to fall back upon, and they cannot expect much from the public, or even those poor shopkeepers they have dealt with, and who will have as much as ever they can do to provide for themselves. The look-out is certainly most disheartening, and it is to be hoped that the leaders of the miners in the West Riding will well consider the situation before they finally give word that the men must strike.

The prospect of a strike on the part of the miners of the West Riding have been supported by scale to the leaf of Darbyship attacks.

Riding has in no way affected the coal trade of Derbyshire, although a stoppage of a number of collieries would of course make a great difference in it. As it is, a steady business has been done in house coal, but no more than is usual for the time of year. To London a fair tonnage has of late gone from the leading collieries, and during February there was sent from the Clay Cross pits 24,000 tons, from Blackwell and Grassmoor each 14,600 tons, and from Eckington 13,700 tons. Prices have not undergone any charge that there is 13,700 tons. Prices have not undergone any change, but if there is no dispute there is every reason to believe that they would go down. Steam coal has continued in moderate request, for as yet the new dock at Boston has not come into use, although under the auspices of the Great Northern Railway Company it should become of considerable value to the colliery owners in both Nottinghamshire and Derbyshire. From it there should be a considerable shipment of steam coal to the Thames as well as to the Continent, and there is no reason why the port should not become a powerful rival to the Humber and the Tyne for the exportation of coal.

Humber and the Tyne for the exportation of coal.

Less is now being done in gas coal from the Derbyshire pits, whilst only a moderate demand prevails for small coal for boiler and other purposes. The make of coke in the county is far below what is consumed, and this seems somewhat anomalous, seeing that the seams of coal are well adapted for converting into coke, and, indeed, are identically the same as the coke is made from that which is imported from other districts.

The Iron Trade in the Chesterfield district and along the Erewash Valley continues steady and the production of pictic is still lent and along the continues are designed.

Valley continues steady, and the production of pig is still kept up to the average, and there is a fair consumption by the local foundries, which is a great advantage. A little more is being done in gas and water pipes, and an improvement in this important branch of industry is now confidently looked forward to. The forges are also better employed than they were, and it is understood that there are now some heavy orders in hand that will take some time in clearing off. The steel department is also looking fairly well, but little or no change has taken place at the engine or machine works, or at the establishments engaged in the building and repairing of railway wagons.

In Sheffield some improvement has taken place in a few of the heavier branches of trade, and although full employment is not the rule, yet the prospects are now far more encouraging than they have been since the commencement of the year. Some recent Government and other orders have resulted in an increased demand for crucible steel, and makers have laid down plant for the production of the heaviest castings that have yet been turned out. These are expected to be required for marine purposes and ordnance. A large quantity is also being absorbed by makers of wheels, for which large orders have hear given out. More is also being done in Bernellarge orders have hear given out. large quantity is also being absorbed by makers of wheels, for which large orders have been given out. More is also being done in Bessemer steel, and some of the makers of rails are better employed than they were. A good deal of metal is also being taken for tyres, axles, and some kinds of cutlery and tools. The mills engaged on composition iron and steel plates are now running well, as they have for a long time past, and large orders are still in hand for them that will take months to clear off. In cutlery the trade is still only of a moderate character, and it is only the leading houses that can be said to have their hands fully employed.

The South Yorkshire collieries, are still as a rule, on short time, whilst at most of them there are considerable accumulations of coal.

whilst at most of them there are considerable accumulations of coal, and these are not likely to be reduced during the next two or three weeks, or, at least, before the notices of the miners expire, and at several places they have been given out during the last day or two. The employers appear fully determined to enforce the reduction of wages, of which the men have had notice, and this they will do, despite all consequences. The men are equally determined, and there is no doubt that a strike will take place as that probably and there is no doubt that a strike will take place, so that probably in the early part of April there will be some good men out of work by the action of their leaders for the miners who have sent delegates to the Conference have had but little power in the matter.

Messrs. W. T. SARGANT and SONS, in their report dated 6th inst., write:—Regarding Cornish mines, not only do shareholders receive no dividends, but miners' wages are bordering on starvation rates, say 40s. to 50s. per month. If the managers of eight or 10 of the largest mines conferred together, they would find this state of affairs need last no longer. They have only to keep back their ores, unless an advance of 10t in the Standards were accorded, and they would be surprised to find how readily it would be paid. There are times when the seller can have his say about the price as well as the buyer, and the present is one of those times.

HEAVY CALL IN POLEOSE MINE .- A heavy call of 31. per share has been made on the adventurers in Polrose Mine, in Breage. This mine has been in the Vice-Warden's Court for some considerable time, and was formerly in 10,000 shares. This call, of course, has not been made on all the 10,000 shares, as a great many have relicquished their interest, and it therefore comes all the heavier on those who have retained their shares.

#### REPORT FROM LANCASHIRE.

March 12 .- Business in all branches of the Iron Trade in this district continues dead, and there is very little change to report from week to week in the general condition of the market. A want of confidence in the future still holds buyers back; no one will purchase for stock, and where occasionally consumers are induced to go beyond for stock, and where occasionally consumers are induced to go beyond actual requirements, or orders at all of a speculative character are given out, it is only where long deferred deliveries can be obtained at exceptionally low prices. In pig-iron, business during the week has again been of the very limited proportions that have obtained of late, with quoted rates nominally unchanged; but an undercurrent of weakness in the market that leads to very low prices being taken to secure orders. Good house coal and district brands are quoted at about 40s. 6d. to 41s. 6d., less 23 delivered equal to Manchester, but to do business of any weight quite 1s. per ton under these figures would have to be taken, and there are sellers of some of the district brands who are to be taken, and there are sellers of some of the district brands who are prepared to book orders for long-promised delivery at about 39s. 6d. to 40s. per ton, less 2½. In manufactured iron business still comes forward very slowly, works not being kept going more than four days a week on orders coming in from hand to mouth. For good qualities of bars delivered into Manchester 5l. 10s. is still quoted by some makers: but for prompt specifications 5l. 7s. 6d. is taken n most cases. There is, however, a disinclination to sell long-for-iward at this figure, and merchants who have been "bearing heavily are finding it difficult to cover their sales. In the engineering trades a quietening down is generally reported, and any new orders going out are competed for very keenly by firms anxious to keep works going.

In the Coal Trade, with the exception that the recent cold weather has given a little extra push for house fire classes of fuel,

an the Coal Trade, with the exception that the recent cold weather has given a little extra push for house fire classes of fuel, there is no improvement. Common round coals continue bad to sell for iron making and steam purposes, and engine fuel, though less plentiful, is only in moderate demand. Prices, though not quotably lower, still show a weakening tendency.

As contracts have to be renewed buyers generally are able to obtain some concession upon the price previously paid, and in common round coals especially there is a great deal of underselling in the markets. Pits are still kent going about four, and in a few cases

markets. Pits are still kept going about four, and in a few cases five days a week, but at many of the collieries stocks are being put down, and a good deal of coal accumulates under load in put down, and a good deal of coal accumulates under load in wagons, which in many instances has to be forced on the market at extremely low figures. At the pit mouth best Wigan Arley averages 8s, 6d, to 9s. second qualities, and ordinary Pemberton Four-feet about 7s. to 7s. 6d.; common round coals, 5s. 3s. to 5s. 9d.; burgy, 4s. 6s. to 5s.; and slack, from 2s. 6d. and 3s. for common up to about 4s, per ton for the best qualities.

The shipping trade has been quiet, and for steam coal delivered

about 4s, per ton for the best qualities.

The shipping trade has been quiet, and for steam coal delivered at the High Level, Liverpool, or the Garston Docks extremely low prices are in some cases taken to secure orders. Inferior qualities of steam can be got readily at 6s. 9d. per ton, delivered at the above ports, with 7s. 3d. taken for some of the best qualities.

#### REPORT FROM NORTH WALES, SALOP, AND CARDIGAN.

March 12.-With one exception there is not a lead mine now in work in the whole of North Cardigan. Good machinery lying idle, the villages deserted of men, and the whole district as still as death, is a true description of the state of things in this once busy region. In South Cardiganshire the state of things is possibly a little better, In South Cardiganshire the state of things is possibly a little better, but there numbers of mines are kept going by owners, hoping aganst hope until the heart grows weary. The same remarks will apply to the Flintshire lead mining district, and to those of Carnar-wonshire and Montgomeryshire. Many of the men have found employment at the great works of the Liverpool Corporation in Montgomeryshire, where some 1000 to 1200 men are employed in quarrying, tunnelling, excavating, and on masonry work. The Liverpool City Council have been complaining of the cost of the works exceeding the estimates. It is now thought that the total cost will be about double the parliamentary estimate. This. of the works exceeding the estimates. It is now thought that the total cost will be about double the parliamentary estimate. This, however, is largely accounted for by the substitution of a masonry dam for an earthen one, the purchase of the watershed rights, compensation to river proprietors and others, which costs were not originally contemplated. The old opponents of the scheme are, of course, jubilant; but there cannot be any doubt that whatever the cost of the works may be the scheme is by a long way the best that could be adopted, and that it will be appreciated as it deserves by the next generation of the Liverpool people.

Considerable difficulty is experienced at the Birkenhead end of the Mersey Tannel by the subsidence of the land leading to the breaking.

Mersey Tunnel by the subsidence of the land leading to the breaking of gas and water pipes and the cracking of houses. Time and skill will no doubt rectify all this. In Merionethshire there are complaints as to the slackness of the slate trade, but with the breaking up of the ice in the Baltic there will no doubt come a revival. In Carnarvonshire the trade is in a fairly good state; there is, how-ever, no extension, nor is the least interest felt in slate quarry enterprise. It would, perhaps, be as easy to sell an estate in the moon as a slate quarry property in Wales in the present time.

The collieries all keep in work, but it is probable that with the

approach of summer there will be a general reduction of wages. The iron works also are all employed. Other industries connected with the coal measures are in a very active state, particularly those based upon the fire-clays of the coal and the red clays and marls of the permian. Mr. D. C. Davies, of Oswestry, has prepared an elaborate and detailed account of the North Wales and Shrewsbury coal field illustrated by numerous sections, may and plans. This coal field, illustrated by numerous sections, maps and plans. This will probably be published during the present year by one of the learned societies.

A fatal accident occurred last week at the Hafod Colliery by a A fatal accident occurred last week at the Hafod Colliery by a fall of roof, and one at the adjoining Vauxhall Colliery on the railway siding. The manufacturing industries connected with coal and iron are in a fairly good condition. Trade has not improved in the Potteries and there is a considerable amount of distress, and the railway receipts suffer accordingly. Considerable excitement exists over the rival schemes for improving the navigation of the Dee, but the balance of public favour seems to be given to the larger scheme connected with the railways and collieries.

#### TRADE IN SOUTH WALES.

March 12 .- Business in the Mediterranean has stimulated trade marcs 12.—Dusiness in the Mediterranean has stimulated trade here, and shipments are mounting up to the high totals of last year. The amount sent away last week from Cardiff was 154,227 tons foreign, and about 20,000 coastwise, with 6370 tons patent fuel; Newport, 41,442 tons foreign, and 20,699 coastwise; Swansea, 14,267 tons foreign and about 10,000 coastwise; Swansea, 14,267 tons foreign, and about 12,000 coastwise, with 3810 tons patent fuel. The price of steam coal is from 10s. to 11s.; house coal 8s. 9d. to 9s. 3d.; small steam coal, from 4s. 6d. to 5s.; patent fuel, 10s.; pitwood, 15s. 6d. There is a glut of this latter article at present, and the arrivals are large. The Iron and Steel Trades show some improvement. The Ebbw

The Iron and Steel Irades snow some improvement. The Loow Vale Company has shipped 359 tons of steel rails for the Suakim-Berber Railway. The amount sent away last week from Newport was 1736 tons, and Cardiff 2370 tons. The arrivals of iron ore were large, amounting to 14,078 tons at Cardiff from Bilbao, and 578 from other places; Newport received 7488 tons from Bilbao, and 8100 from other places.

ents of tin-plates at Swansea continue to increase, and it The ship The shipments of tin-plates at Swansea continue to increase, and it seems as if the headquarters of this trade will in future be concentrated at that port. Swansea is nearer New York than Liverpool, and as all the plates are made in its vicinity, it seems rather remarkable that the business should have remained so long at the great Mersey port. There is now some talk of creating a Tin-plate Exchange at Swansea, an event which, if carried out, will tend to cheeve reviews and see revedues great to the huvers as well as to the cheapen prices, and so produce good to the buyers as well as to the

anufacturer.

The tin-plate business last week showed signs of reaction, but as The tin-plate business last week showed signs of reaction, but as says—Mr. Chaffey has sent out a party of experienced miners to test orders remain plentiful, makers are still busy. Good coke made stand at about 14s., and even as much as 14s. 6d. in special brands.

#### TRADE OF THE TYNE AND WEAR.

There is not much change in the position of the Coal Trade in this district; a considerable amount of dulness is felt in some branches. The demand for best steam coals continues fair; but second-class coals of this kind are not in great demand at present. The gas coal trade is also getting rather quiet as the season advances. There is a little improved demand for house coals, but not sufficient to keep the works fully going. There is a good demand for coal consumed by smiths and forges. The demand for manufacturing coal continues moderate. The coal shipments for February, according to Brown's Export List, show a considerable falling off as compared with the same month last year. The coke shipments, however, are very satisfactory, the shipments from the North-Eastern ever, are very satisfactory, the shipments from the North-Eastern ports having been 22,740 tons, against 18,333 tons in February, 1884. A revival of the inland iron and steel trade will, it is expected, place this important branch of the trade in a satisfactory condition.

The shipments of coal and coke at Tyne Dock last week were 919,909 tons, which is scarcely up to an average.

The demand for fire-bricks and fire-clay goods generally continues good, and shipments, foreign and coastwise, are on a good scale. good, and singments, foreign and coastwise, are on a good scale. The chemical trade continues steady without much change in prices, soda crystals are 2l. 10s. 6d.; bleaching powder, 6l. 7s. 6d. The salt industry on the Tees is likely to be considerably extended. Messrs. Bolckow and Vaughan expect to commence working the salt shortly by the bore-hole system.

In connection with the Durham Coal Trade, we are sorry to report that one of the pix of the Earl of Durham is to be deserted.

that one of the pits of the Earl of Durham is to be closed Lady Ann Pit, near Fence Houses; this pit gave employment to 264 men and boys, and steam coal was worked. All the men and boys have received notice to leave, as the works are to be closed for the present, the reason given being that the demand for this coal is not good at present. It is also understood that a shaft is to be sunk at these works to the Hutton seam, for the purpose of winning a large quantity of coal which still remains in that seam.

THE LEWENTH COLLEGE EXPLOSION.—Great exertings have been

THE USWORTH COLLIERY EXPLOSION.—Great exertions have been made during the past few days to clear away the falls in the main roads, and to explore the in-bye workings, where the bulk of the men are entombed, but hitherto with only partial success. The falls, which have occurred at hitches and faults in the strata, are extremely heavy, and much time has been consumed in getting the roads only partially opened. On Friday it was discovered that there was a fire partially opened. On Friday it was discovered that there was a fire in the flue which leads from the underground hauling-engine to the upcast shaft, but this fire was found to be of little consequence, and it was soon got under. On Saturday a large exploring party was formed for the purpose of attempting an exploration into the district where it is supposed the explosion occurred, but after proceeding some distance they found that smoke was issuing from these workings. Penetrating further into the workings it was found that the Penetrating further into the workings it was found that the volume of smoke was increasing, and when this was reported to the managers it was resolved that the district should be sealed off by putting up stoppings, which was done with all dispatch, and of course a pipe was inserted into one of the stoppings for the purpose of testing the state of the internal air at intervals. On Sunday the stopping and pipe were examined by Mr. Patterson and others, and found that there was little, if any, indication of heat or smoke in the vicinity.

On Monday there was a consultation of viewers held at the col-On Monday there was a consultation of viewers near at one collery office, which was attended by a large number of eminent men in the trade, including Mr. G. B. Forster, Mr. G. C. Greenwell, Mr. Palmer, Mr. Berkeley, &c. Previous to the meeting of this committee an examination of the workings was made by Mr. G. B. Forster and others, and they reported that the indications were "favourable." After two hours' consultation several members of the committee descended and again examined the mine, and afterwards another consultation was held at the office, when it was determined

committee descended and again examined the mine, and afterwards another consultation was held at the office, when it was determined to keep the inner district sealed up until Friday next. It is feared that there is a fire in the internal part of the workings, although there is as yet no absolute certainty on the point.

It is scarcely necessary to remark that the Usworth Colliery explosion has been one of a most violent character. So far it appears to be the general opinion that the seat of the explosion—that is the point where it originated—was in the Maudlin seam, about 2 miles from the shafts. There are three seams extensively worked here from the shafts. There are three seams extensively worked here—the Maudlin seam being the upper seam, next below the Low Main eam and the bottom—seam—being the famous Hutton seam. There from the shafts. is no doubt that all the seams generate gas, but the Hutton and Maudlin seams are generally considered fiery seams in this district, and the greatest explosions have occurred in those seams both in early and modern times. It certainly appears to be extraordinary presuming that the explosion occurred at the point indicated, that it should have traversed such a great distance, and only expended its prodigious force at the shafts, clearing out the heavy timber on the

main roads, and killing all the horses and ponies, 63 in number, with the exception of one small pony.

As a rule, when an explosion occurs in a district of a large mine the force does not extend much beyond the limits of the district.

As in those deep seams the main roads are generally very dry, the presence of dust may possibly have not only intensified the fire, but contributed to its extension outwards, and its creat violence. contributed to its extension outwards, and its great violence

ear the shafts. The Iron Trade has improved to some extent; there has been The Iron Trade has improved to some extent; there has been a better feeling during the past week, and there has been more enquiry for forward delivery. The accumulation of stock on a heavy scale seems to have been checked, as an addition of only 6300 tons appeared for February. There are better shipments, and the export trade is now expected to increase. The improved rates for Scotch iron has also caused a more cheerful feeling. The future of the trade, however, is still very uncertain. The manufactured branches are still very quiet. An increased quantity is, however, required for foundry purposes, and a larger consumption of hematite iron will foundry purposes, and a larger consumption of hematite iron will be taken up by the steel trade. The shipments for last week were 14,057 tons. There is a good demand for Scotland, but only a limited demand for Germany. The steel trade is much firmer, and the demand for plates for shipbuilding is improving rapidly, and prices have been advanced. Some months must elapse before the arrangements being made at Jarrow and Elswick, &c., will enable the local makers to meet the demand. Shipbuilding certainly promises much better, but there is yet much to be done to bring about anything like a general resumption of operations in the shipyards, The demand in the manufacturing branches of the iron trade is very and prices remain at a very low figure. Makers still quote 6d. for No. 3 pig-iron. There is no change in the value of any kind of iron, but an advance in the price of steel for shipbuilding

purposes.

The depression which has existed in the iron trade during the past year is clearly shown by the fact that Messrs. Bolckow and Vaughan have only paid 2½ per cent. for the year, little more than one-fourth the dividends formerly paid by this great company. There is some improvement in the shipping trade, freights having advanced to some extent. Contracts have been made at 5s. per ton from the Tyne to Cronstadt, which is an advance of 6d. per ton on the rates of last year. There, is more employment for ships and better rates fairly not the whole, and this will no doubt stimulate the shipbuilding held in the whole. on the whole, and this will no doubt stimulate the shipbuilding trade. Orders have been given for three iron vessels within the past few days, and there are more enquiries. Steel is now preferred for shipbuilding and most other purposes, but the demand for it has now raised the price up to 7l. per ton, while iron ship-plates can be bought for less than 5l. per ton. Hence the recent orders for iron

WRECK OF A DYNAMITE-LADEN VESSEL .- A schooner loaded WHECK OF A DYNAMITE-LADEN VESSEL.—A SCHOOLER loaded with dynamite has for some time been stranded off Larne, the inhabitants of which are much alarmed. Negociations have been opened with Messrs. Noble, of Glasgow, to either remove or destroy the vessel. The local magistrates have taken the matter up, owing to the public apprehension in the neighbourhood.

THE Canadian Correspondent of the Liverpool Journal of Commerce

#### REPORT FROM NORTH AND SOUTH STAFFORDSHIRE

March 12.—The position of the South Staffordshire Coal Trade does not look better than at the date of last report. Alike house and ironworks coal is in excessive supply, and the situation of the state of profits is consequently verytions. and ironworks coal is in excessive supply, and the situation of masters in the matter of profits is consequently vexatious. Some of them this week declare that unless the fuel is almost given away there is no doing anything like a full week's work. The demand for furnace coal, in particular, is rather declining than augmenting since sales of native pig-iron are rather limited. Open market quotations are, however, unchanged upon last week. The pig makers report only a languid call, and at some furnaces stocks are increasing in a troublesome manner. Consumers will not enlarge former contracts except when they can buy upon their own terms, and these mean very little respect for the pockets of makers. All-mine pigs are quoted 57s. 6d. to 62s. 6d., but lower rates are accepted. Part-mine pigs are 42s. to 45s., and cinder pigs at an average of 36s. 3d. to 37s. 6d. The production of Derbyshire and Northampton pigs is beginning to be reduced, but no effect has yet been produced upon prices. Operations at the mills and forges are still irregular. Specifications under former contracts are difficult to get in. Sheet and cifications under former contracts are difficult to get in. Sheet and bar makers are doing most, and it is expected that next week the Capperfield Ironworks, formerly the property of the Chillington Company, but which have now passed into the hands of Messrs. W. Molineaux and Co., of the Buil's Bridge Ironworks, Moxley, will be reopened. Common bars ore are selling at 6l. to 5l. 7s. 6d., while best qualities are still 7l. 10s.

The suggested conference between representative colliery opera-tives and coalowners to arrange a new sliding-scale in the South Staffordshire coal trade is not being at present successfully arranged.

The men refuse to accept the stipulation of the masters that none of the operative members of the late Wages Board shall be elected. The North Staffordshire colliery owners are not receiving many good contracts. In fact, so slow is the demand that many of the good contracts. In fact, so slow is the demand that many of the pits are only on a little more half time. The call for manufacturing purposes is dull, while the business doing in domestic fuel is moderate. Ironstone and pig-iron are difficult to dispose of. In the finished departments there is a slight improvement perceptible. There are some good export enquiries for bars, hoops, and plates, and during the week further specifications have been given out. Yet the mills are only working about four turns a week. Crown bars stand at 5t. 10s. to 6t., but for good lots and immediate delivery a fraction lower is accorded. very a fraction lower is accepted. Ordinary plates are 7l. to 7l. 5s delivered at Liverpool.

COMPARATIVE SAFETY IN MINES.—The results, recently anounced of a curious competition amongst mines, deserve more nounced, of a curious competition amongst mines, deserve more than usual attention, because they show that even in fiery mines, with care, loss of life may be reduced to a minimum, if, indeed, not with care, loss of life may be reduced to a minimum, if, indeed, not entirely prevented. Perhaps some of our readers will remember that some 10 years ago, in Belgium, a member of the Association of Engineers, from the school at Liége, founded a prize, to be awarded to the managers of the fiery colliery in which the least number of deaths from explosion should take place in 10 years. To this end he gave the sum of 5000 frs., which, with the accumulated interest, now amounts to about 8500 frs. To this sum the Belgian Government added 5000 frs. Last year a jury was appointed to decide the question, and they have, after thorough investigation, presented their report. The prize has now been presented, the fortunate colliery being that of the Nord de Charleroi. No. 3 pit. The second prize was that of the Nord de Charleroi, No. 3 pit. The second prize was gained by the Ougrée, and the third by the Griscouil collieries. In the awarding of this prize the difficulties to be encountered in prosecuting the operations of mining were to be taken into account. The conditions of the competition excluded all pits in which fewer than 250 men were employed in underground work; 90 collieries entered the list as competitors, but only one-half of this number kept up the minimum number of underground hands. The deaths from explosions during the decennial period were two for No. 1, four for No. 2, and nine for No. 3. These numbers gave per 1000 employed 0.59, 1.03, and 1.33 respectively. If we omit one of the competing collieries—that of Agrappe—in which the number of deaths was, chiefly in consequence of a very disastrous explosion, 269, the mean number of deaths from fire-damp explosions in 43 pits during the period of 10 years was 28.33, which gives a proportion of during the period of 10 years was 23.33, which gives a proportion of 2.48 per 1,000.—Iron.

NEW SOUTH WALES.—A report from Mr. W. B. Henderson, uperintendent of Drills, to the Minister of Mines, states that water has been tapped in two distinct strata in a bore some 16 miles west of Wilcania, on the road to Silverton. The water, first tapped at 112 ft., was suitable for stock, but the second spring at a depth of 120 ft. was much fresher than the first, and can be made available for domestic purposes. The discovery is very important, as in the long stretch of country between Wilcania and the Barrier ranges there has been great difficulty in obtaining water.

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NORTHERN TERRITORY .- The exports of gold from the Northern Territory during the past year was 21,675 ozs., valued 77,935l.; peal shell, 40½ tons, value 5898l. Tin, 18½ tons, value 798l. Statistics show the Territory to be progressing in every way. The approximate estimate of stock depasturing in the district is 100,000 head of cattle, 5000 horses, and 30,000 sheep.

NEW KITTY MINE.—The report of the proceedings at the meeting of the New Kitty Mine Company, which was held on Tuesday, will be read with interest not only by the shareholders who were will be read with interest not only by the shareholders who were unable to be present, but by all who are concerned in the future of Corniah mining. The great success which has been achieved by the adjoining mine of West Kitty has attracted attention in an especial degree to the St. Agnes district, and mining men are watching closely what is being done not only at the two mines above mentioned, but also at Polberro, Trevaunance, and two or three other mines in the same group, all of which are managed in the same office, and on the "No Credit" system. The accounts presented to the meeting disclosed a satisfactory position of affairs financially. There are no arrears of calls, and no liabilities due and unpaid, except a trifling balance of 31L 4s. 2d. due to the bankers. The shareholders therefore, know precisely how they stand as regards money matters, are no arrears of calls, and no liabilities due and unpaid, except a trifling balance of 31*l*. 4s. 2d. due to the bankers. The shareholders therefore, know precisely how they stand as regards money matters, and the small call of 2s. per share, which was made at the meeting, is estimated to be ample to carry on operations for the next three months. It may be mentioned that this call was proposed by the largest shareholder in the mine, who is also in the fortunate position of being a large shareholder in West Kitty; with the exception, perhaps, of Capt. Vivian, there is no one who knows the geological characteristics and mineral-yielding capacity of the district more thoroughly than this gentleman: and, as he has shown, in the most convincing way possible his entire confidence in this future of New Kitty; this will be an encouragement if any were needed, to his co-shareholders, to spare no effort to pash on operations with all possible speed. As regards the mine itself, the works are now approaching a point where rich courses of ore may fairly be expected to be reached. Since the last meeting, which was held in November, the operations have mainly been confined to Thomas's shaft, and to the driving there of the 20 and 40 fm. levels east. The 40 fm. level has been driven about 12 fms. east of the shaft, and the lode there is similar to the lode in West Kitty jast before the great course of tin was cut. The 20 fm. level has been driven about 24 fms. east of Thomas's shaft, and the lode at the end is of the same promising character. At the adit level, which has been brought up to Thomas's shaft, and the lode at the end is of the same promising character. At the adit level, which has been brought up to Thomas's shaft, and the lode at the end is of the same promising character. been driven about 24 fms. east of Thomas's shaft, and the lode at the ond is of the same promising character. At the adit level, which has been brought up to Thomas's shaft on the course of the lode a distance of 140 fms., it has been found that very large excavations have been made, both in the back and bottom of the level, and it was under these large excavations that the rich course of tin was found in West Kitty; and there is not much reason to doubt the correct ness of the local rumour that large returns of tin and copper were formerly made from these old workings, seeing that so much ground has been taken away. A great improvement may reasonably be soon looked for at this point, because in the last 5 fms. driving on the 20 fm. level (which will soon be back under the old workings), the ground has considerably improved. The shareholders are to be congratulated on the excellent prospects of New Kitty. congratulated on the excellent prospects of New Kitty.

#### Registration of New Companies.

The following joint-stock companies have been duly registered:-

The following joint-stock companies have been duly registered:—
THE LIVERPOOL ROPERY COMPANY (Limited).—Capital 3000L, in shares of 10L. The objects for which this company is established are:—To purchase the machinery, tools, plant, and effects belonging to W. C. Jarvis, James Gales, and James McWean, in Rathbone-road and Pique-lane, Wavertree, near Liverpool, used as a rope manufactory, by F. Rawlinson and J. T. Radeliffe, trading as Francis Rawlinson and Company, and to purchase the buildings, workshops, &c., erected by the above company, and to carry on the business of ropemaker in all its branches, or any business analogous thereto. The subscribers (who take one share each) are—Walter Gryson, shipowner, 29, Water-street, Liverpool; J. Bell, Eskdale, Cressington Park, Liverpool; George Hepburn, 11, Red Cross-street, Liverpool; Archibald Bathgate, 15, Fenwick-street, Liverpool; Isaac Jarvis, 11, Derwent-road, Stoneycroft; J. Begg, consulting engineer, 72, Victoriaroad; W. J. Priest, 34, Bank-road, Bootle.

GAVIN SMITH AND CO. (Limited).—Capital 60,000L, in shares of 10L. To carry on the business of repairers, shipowners, ship store merchants, engineers, and boiler-makers, dry dock, and slipway owners, wharfingers, and brick and cement makers in all their branches. To purchase wrecked and damaged vessels and repair and sell them, or any business of a similar character. The subscribers (who take one share each) are—John Dent, jun., shipowner, Newsestle on-Tyne; W. M. Young, Newcastle-on-Tyne; C. R. Irving.

sell them, or any dusiness of a similar character. The subscribers (who take one share each) are—John Dent, jun., shipowner, New-castle on-Tyne; W. M. Young, Newcastle-on-Tyne; C. R. Irving, Newcastle-on-Tyne; H. Pratt Barlow, 60, Haymarket, London, Adam Craik, 13, Alice-street, South Shields; G. T. Dexter, timber merchant, Jarrow-on-Tyne: G. Smith, marine engineer, South

in shares of 1l. To carry into effect an agreement dated Jan. 18, 1885, between J. H. Evans of the one part, and George Symes of the other part, to carry on the trade or business of printers, publishers, booksellers, stationers, bookbinders, and general agents, &c., in all its branches. The subscribers (who take one share each) are THE PREMIER PUBLISHING COMPANY (Limited).—Capital 20001. booksellers, stationers, gookenders, and general agencs, &c., in an its branches. The subscribers (who take one share each) are—J. H. Evans, 2, Bywater-street, Chelsea; W. Shilton, 43, Haliford-street, I-lington; John Cheetham, 6, Catherine-street, Strand; E. Gregory, Bywater-street, Chelsea; Thomas Cowell, 9, Radnor-street; H. J. Melville, 4, St. Peter's-street; George Symes, 28, Poplar Grove, West

Kensington.

THE DEVON AND CORNWALL TRADERS' ASSOCIATION (Limited).

—Capital 2000l., in shares of 1l. To carry on and conduct the ordinary business of a trade protection society, and to acquire, purchase. carry on, and conduct the business of any company, association society, or of any person or persons of same or similar nature, and to sell the undertaking, assets, or property, or any portion of the same, to any other company, &c. The subscribers (who take one share cach) are—Jackson W. Smart, 53, Parkhurst-road; Henry S. Wood, 95, Kennington Park-road; R. E. Terview, 47, Moorgate-street, E.C.; T. Fitzmaurice, 89, London Wall; Emma L. Rooke, Fairhold-road, Stoke Newington; H. C. Rooke, 4, Granville-terrace, Walthamstow; Harriet R. Rooke, 4, Granville-road, Walthamstow. Harriet R. Rooke, 4, Granville-road, Walthamstow.

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THE CELIA CONSOLIDATED MINES (Limited).—Capital 80,000L, in shares of 1L. To purchase, lease, or otherwise acquire land, whether or not for mining purposes, gold mines, mining and water rights, or minerals and timber in Nevada, California, United States of America, or elsewhere, and the rights, privileges, powers, and appartenances to the said property. The subscribers (who take one share each) are—James Parr, Cecill Park, Crouch End; Thomas Parr, 14, Lombard-street, E.C.; J. S. Porter, 26, Mildmay Chambers, E.C.; Richard Morgan, 3, Liverpool-street; Sidney Wilkinson, 10, 8t. Thomas's-road, Finsbury Park; James F. Burgess, 14, Almeric-road, Clapham Junction; J. Pitt, engineer, 33, Belgrave-street, East. THE DYNAS PONAS BRICK AND TILE COMPANY (Limited).—Capital 3000L, in shares of 20L Toacquire land by purchase, lease, orotherwise, forthe purpose of manufacturing and selling bricks, tiles, earthern pipes,

forthepurpose of manufacturing and selling bricks, tiles, earthern pipes, &c., and to &c. all other things appertaining to the business of brick manufacturers. The subscribers (who take one share each) are—J. K. Collett, provision merchant, Sunnyside, Penarth; H. Millward, 33, Windsor-road, Penarth; J. Phillips, ironmonger, Glebe-street, Penarth; John Isaac, I, Pembroke-terrace, Cardiff; J. Price Jones, Mayfield, Penarth J. Sully Stone, 24, Richmond-road, Cardiff; D. Griffiths Price, Penarth Villa, Penarth. for the purpose of manufacturing and selling bricks, tiles, earthern pipes

THE FINANCIAL NEWS (Limited).—Capital 50,000l., in shares of ll. To acquire, print, publish, and circulate, or otherwise deal with the Financial News, and start, print, publish, circulate, and otherthe Financial News, and start, print, pablish, circulate, and otherwise deal with any financial newspaper or newspapers, or other publications. The ubscribers (who take one share each) are—G. F. Michon, 123, Gray's Inn-road; W. Powlor, 21, Gotha-street, South Hackney; C. Edward Stiffe, 154, Alexander-road, South Hampstead; Herbert Mott, accountant, 215, Corpwall-road, Notting Hill; F. Power, secretary, 100, Huddlestone-road, N.; C. X. Hobbs, 2, Moretonstreet, W.; Alfred Platt, 27, Manor-road Clapham.

stree, w.; Alfred Platt, ZI, Manor-road Clapham.

RAILWAY ELECTRIC SWITCH AND SIGNAL COMPANY (Limited).

—Capital 50,000%, in shares of 10%. To carry on the business of costractors, electricians, and engineers, and to manufacture, purchase, supply, let, license, hire, sell, deal in, and dispose of machinery, apparatus, appliances, materials, utensils, and things required for and used in connection with electricity, magnetism, or other effects as applied to railway signals, points, and interlocking apparasad used in connection with electricity, magnetism, or other ellectric as applied to railway signals, points, and interlocking apparatus, or any other machinery, &c., required, or used in connection with the working or management of railways. The subscribers (who take one share each) are—David. M. Yeomans, eggineer, Kingman, Ohio, U.S.A.; Messrs. Augustus Timmins, 2, Great George-street; Jonathan Nied, 1, Ashburn-place, South Kensigton; Stanley C. C. Currie, electrician, 75, Jermyn-street; Frederick Newton, 6, King William-street; John B. Ball, 1, Gresham Buildings, Edwin Ever wise waynestyne, William Heavy, T. West. Baildings; Edwin Fox, wire manufacturer, Millwall; Henry T. West, Merctary, 5, Great Winchester-street.

THE "ATLANTIS" STEAMSHIP COMPANY. — Capital 33,000l., in

THE "ATLANTIS" STEAMSHIP COMPANY.— Capital 33,000%, in 100, shares. To carry on business as a shipowner, including any business or assets, or transactions incidental thereto, or which shipping companies are wont to carry on or do in connection with the business of owning and working ships, and primarily to purchase and work the steamship "Atlantis." The subscribers (who take one share each) are—Thomas Scrutton, 9, Gracechurch-street; Samuel Linder, 9, Gracechurch-street; James Linder, 9, Gracechurch-street; Tenderick Street! On the state of the street of the state of the Frederick Stowell, 9, Lime-street; Thomas P. Curtis, 18, Billiter, street; Henry Langridge, 16, Great St. Helens; Thomas Mason, 8, all-street.

#### THE CRISIS IN THE YORKSHIRE COAL TRADE.

An important conference of Yorkshire miners was held at Rotherers to reduce wages 10 per cent. Mr. EDWARD COWEY, President of the Yorkshire Miners' Association, occupied the chair, and there were present 136 delegates, representing 100 collieries and

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The CHAIRMAN, in the course of his remarks, said that the masters and raised a fund of 500,000L, and now they had done so they seemed twelling to try and arrange matters amicably with the men, but would rather waste it in insurances and the like, while the pits were closed and the men on strike, instead of spending it on the men, by allowing the present wages to continue. Times might be bad and trade depressed, but the owners would gain nothing by a reduction: tade depressed, but the owners would gain nothing by a summer for they intended to take off about 34d, per ton from the payment for production, and then allow consumers about 8d, per ton. The real fact was that the reduction was intended for the advantage of such large companies,

large consumers as manufacturers, steam shipping, gas companies, and the like, who were already paying such large dividends.

Mr. B. PICKARD (secretary of the association) said that the proposed taking off of the advance of 10 per cent. obtained in 1882 was unnecessary and uncalled for, and would act unfairly both to employers and employed. The doctrine of humanity preached by the owners when they said they would lock-out the men and allow them to earn nothing if they refused to accept the reduction was a trange one indeed.

Mr. FIRTH said he believed that the proposed reduction proceeded not from colliery-owners pure and simple, but from ironmasters who owned collieries. It was the action, too, of a lot of people interested in railways, gas companies and the like. The 10 per cent. advance allowed in 1882 did a deal of good, and the public reaped the advantage, but really the systematic pinching and screwing which had been going on had resulted in the losing of most of this advance, so that really the present proposal was a further actual reduction, and that really the present proposal was a further actual reduction, and

not a taking-off of an advance.

Mr. PARROTT said that if the masters hesitated the whole district would be plunged into a tremendous strike, the results of which would be felt not only by the owners and men, but by the public

A DELEGATE remarked that every logical argument was on the side of the men, who now worked not like human beings, but like beasts for a bare existence

It was unanimously resolved by those pre sent on behalf of the 40,000 miners represented—"That in the opinion of this Conference of Yorkshire miners, the intimation of the reduction of their wages to the amount of 10 per cent. be resisted by every legal means, be-lieving the same to be uncalled for, and that each colliery of work-men inform their employers of the same whenever they request to have an interview with them.

Mr. PICKARD stated that the owners intending giving the men notice that there would be no work for them after March 31, unless they accepted the reduction. If the men had given a similar notice they accepted the reduction. If the men had given a similar notice they would be told it was illegal. The notices given by the masters were illegal, and he believed that if the men continued working they could through the County Court get every penny which was deducted from their wages. He urged upon the delegates present to urge upon the men they represented the necessity of joining the Union—if they had not already done so—and then to act for defence, not defiance. If ever the time came when the Union felt strong to act not the accresive they might then consider low they could host act on the aggressive they might then consider how they could best

The Conference was then adjourned until Monday, March 23.

#### REDUCTION OF THE OUTPUT.

The Barnsley correspondent of the Leeds Mercury writes :to the threatened strike of miners in Yorkshire a good deal of inte rest is taken in the tonnage of both house and steam coal sent to the London markets and the Humber ports. The interest is being in-creased by the fact that some of the firms working the Thick or creased by the fact that some of the arms working the lines or steam coal seams, who have monthly contracts with their men, have not yet given them notice as was expected, not wishing to do so until they see what turn events will take. It is further stated that competition of late has been so great and prices were so low that some of the coalowners are at a loss to see how a reduction of about 3d. per ton on wages all round will enable them to improve their position. The return shows some striking changes. Owing to the stronger of Denably Main the tonners earl lest month was reduced. stoppage of Denaby Main the tonnage sent last month was reduced one-half, and Manvers Main now heads the list. The total tonnage sent by the whole of Yorkshire collieries last month was 84,416 tons, against 90,536 tons in 1884, or a decline of 6120 tons. tons, against 90,536 tons in 1884, or a decline of 6120 tons. On the other hand, there has only been a falling off to the extent of 1312 tons in the quantity sent during the last two months, the tonnage this year being 185,104 tons. Amongst the changes which have taken place, it may be stated that Corton Wood only sent 880 tons last month, against 2328 tons last year. Wombwell Main supplied 736 against 1064 tons in January last. Carlton Main sent only 960 tons. against 1064 tons in January last. Cariton main sent only 900 tons, against 3064 tons last years. Amongst the West Riding collieries which send largely, may be mentioned Allerton Main, which supplied 5866 tons, against 7184 tons last year; whilst Frystone Colliery, the nearest to the part, supplied 4432 tons, against 1112 tons in February, 1884. Last month, 29 of the leading South Yorkshire collieries sent 48,784 tons, against 53,816 tons in the month of February, 1884; whilst 14 of the largest West Yorkshire collieries sent 22,736 tons, against 21,200 tons in 1884. against 21,200 tons in 1884.

MEETING OF MINERS AT NORMANTON.
On Tuesday night, at the Union Hotel, Normanton Common, a meeting of the miners employed at Messrs. Pope and Pearson's two pits was held, Mr. M. Adams presiding. The meeting was addressed by Mr. P. Pickard and Mr. E. Cowey, officials of the Yorkshire Miners' Association, who were well received.

Mr. Cowey, speaking on the inneeding struggle in the coal trade.

Miners' Association, who were well received.

Mr. Cowey, speaking on the impending struggle in the coal trade, said they did not as yet know what they were fighting, as Messrs. Pope and Pearson's had not intimated whether or not they were about to give notice to the men for a 10 per cent. reduction. But Messrs. Briggs and Co. had already stated that they should demand a reduction of 10 per cent. on the 18th of this month. At the Sharlston Colliery it was a fact that the owners did not intend to ask for a reduction. He believed that not 30 per cent. of the owners in this Riding were prepared to take and maintain a request for a reduction. If the owners had been in a position to carry out the demand they would have met the Miners' Association, and not worked in such an "underneath" manner as they had done. The men were determined to suffer no reduction. (Cheers.) The owners, if they got the 3½d. per ton from the men, would not benefit in the least, for they would undersell each other, and give railway and gas companies the advantages.

Mr. B. PICKARD said not only Sharleston, but Snydale, Pontefract, &c., would not give the men notice. He did not think that

fract, &c., would not give the men notice. He did not think that Newland Pits would allow Sharleston to get all the London trade, and such would be the case of other neighbouring collieries. They were told that certain owners were afraid of the Miners' Association getting too powerful, and were trying to harras it. Messrs. Biggs and Co.'s men had already said they would not submit to any reduction. If trouble came, Lancashire and Derbyshire were ready to

tion. It trouble came, Lancasnire and Derbysnire were ready to support the miners.

The Conference resolution was confirmed.
On Wednesday the miners employed at the large Wombwell Colliery received a month's notice to leave, consequent upon the anticipated reduction, although the Miners' Association state with confidence that several of the largest Yorkshire firms will not give notice. The men are holding meetings all over the district, and seem determined to resist the reduction, and abide by the decision of the Retherbary Conference.

of the Rotherham Conference.

The miners employed at the Thorncliffe Collieries have held a meeting at which they complained of the fact that a motion to bring about an amicable arrangement by means of interviews with the owners, which their delegate proposed, was ridiculed. It was said that anything ought to be done or submitted to to prevent a lockout, and that they would be justified in taking the matter into their own hands now that their delegates had been laughed at. It was resolved unanimously that the meeting regretted the action taken by the Rotherham Conference, and thought interviews with the owners ought to be sought, and compromise effected, although they should resist the full 10 per cent. reduction.

A statement as to the Yorkshire output shows that the total

A statement as to the Yorkshire output shows that the total tonnage in February was 84,416 tons, as against 90,536 in 1884, showing a decrease of 6120 tons. On the other hand 29 of the leading South Yorkshire collieries sent in January 43,784 tons, against 53,816 tons last year, and 14 of the West Yorkshire collieries sent 22,735 tons, as against 21,200 last year. It is stated that if troubles come Lancashire and Derbyshire miners will support the men through a lock-out or strike men through a lock-out or strike.

THE STRIKE AT DENARY MAIN COLLIERY .- On Wednesday a deputation of Denaby Main miners waited upon Mr. Buckingham Pope, of Hull, the managing director, with a view to the settlement of the dispute. In the course of the interview Mr. Pope raid it was not a question of competing with persons who owned collieries in the neighbourhood, but was a question of competing with persons all over the universe. He instanced a case in which the company had a contract for a railway company in Sweden, and said if the price had not been lowered and re-lowered the contract would have gone into South Wales. He had observed for some time that prices had been going downwards, and he knew this must inevitably come to pass, in spite of all that could be done by the united exertions of masters and men. Trade would enforce its own rules.—The interview lasted several hours, but when the deputation withdrew the

question in dispute stood as before, and Mr. Pope expressed his in question in dispute stood as before, and all the second as tention to have all the men turned out of the houses which belonged to the company. Regret is expressed at the non-success of the meeting, and serious consequences are feared.

#### CONSULAR REPORTS.

The report of the United States Consul at Ronen gives some inteesting details as to the coal mines of Leus and Douvrin in the Department of Pas-de-Calais, and the neighbouring cantons of Cambrin and Vimy. From it we gather that the Lens and Douvrin properties together measure  $7\frac{1}{2}$  miles in length, with an average width of about 4 miles, and are composed of certain grants limited to 15,000 acres, made from time to time within the years 1850 to 1875. These mines afford means of support to about 15,000 people. The Consul also tells us that these mines may be taken as typical of the coal mines of the department of the North, and he, therefore, gives some interesting details, some of them the result of his own personal observation. The chemical analysis shows a perentage varying from eight to 40 of volatile matters, the southern beds being richer in this respect than the northern, and "Smith's" coal being found in the middle of the northern, and "Smith's" coal being found in the middle of the section. In 1877 40 veins were exposed, varying from  $1\frac{1}{2}$  ft. to  $8\frac{1}{2}$  ft in thickness. There is no inconsiderable difficulty in getting this coal, owing to the covering of wet, chalky earth, varying in depth from 375 ft. to 500 ft., which has to be pierced and afterwards removed by means of most powerful machinery, sometimes of as much as 1000-horse power at a shaft, as much as 66,000 cubic yards being raised in 24 hours. By a carefully prepared table it is shown that from 231 tons, raised in 1853, in the Lens Mines, as against 61,668 tons raised from other mines of the basin of the Pas Calais, and yielding a percentage of 0.37 per ton of each, by an uninterrupted progress the amount of coal raised in 1883 increased to 1,129,695 tons in the Lens Mines, as against 4,978,164 tons in the other mines. tons in the Lens Mines, as against 4,978,164 tons in the other mines, and yielding 31:50 per cent. per ton of each. In the half-year to July 31, 1884, there had been raised 1,227,645 tons in the Lens mines with a yield of the same percentage per ton. By the same table it appears that while from 1875 till 1884 the number of tons raised in the Lens mines increased from 691,562 to 1,227,645, and in the other mines from 2,265,657 in 1875 to 4,978,164 in 1883; the percentage per ton of each remained at 31.50—which may be taken as indicating that as high a percentage as is possible is now obtained. Looking, therefore, at the nature of the coal itself and the increase shown in the output, these mines may be said to be valuable in themselves, and made the most of by those to whom ney belong.
The exports from Mexico of precious metals during the three-

The exports from Mexico of precious metals during the three-quarters of the year 1883-1884, as compared with those during the three-quarters of the year 1882-1883, show a decided increase. Coined silver, for instance, was exported to the value of \$20,355,491-72, as against \$19,360,154-04; bar silver to the value of \$3,849,989-71, as against \$3,299,736-10; silver ore to the value of \$653,034-35, as against \$362,970-04. Of the other metals a very large difference ie shown in the exports of lead. Of that there was sold to the value of \$120,314-53, as against \$33,887-83. In copper, on the other hand there was a falling off from \$55,676 to \$37,467; of sulphuric ore \$65,644-86 worth was exported; of black precipitate silver, \$9828; of silver dust, \$4715; silver in slags, \$2500; worked silver, \$1000. Of coined gold considerably less was exported the respective amounts being \$118,698, and \$272,719-50. In bar gold there was an increase from \$412,099-03 to \$532,671-25. The exportation of foreign coined silver was largely above that in the preceding year, in which \$98,354-28 represented the value of this exported, whereas in 1883-1884 it is \$156,882-60. Foreign coined gold, however, was less largely exported by a great deal, only gold, however, was less largely exported by a great deal, only \$17,360-00 being sent out of the country, as against \$116,380-09 the year before. Looking to the fact that Mexico is one of the great sources from which precious metals flow over the face of the earth, this increase of exportation of the raw material, taken in conjunction with the decrease in foreign-coined gold export, is a healthy sign, showing, as it does, that the demand for Mexico's goods in the shape of precious metals has been expected, and that Mexico has been able of precious metals has been greater, and that Mexico has been able apply that demand

The troublous times which Peru has been lately experiencing have had a sad effect on her trade. Owing to the danger attending interior travel, and the disorderly condition of the mining county, very little silver reaches Lima, where there is a magnificent mint, the monthly receipts being on an average only 30 to 35 bars, value on ore and bar silver and of 5 per cent. on coined money of the Republic. Owing to the presence of the belligerents, and the poverty of those interested in the mines, trade in that respect is stagnant; and yet if this war were at an end this Republic ought to be able to attain a position of great financial prosperity by developing her almost boundless mineral wealth. The idea, we believe, is seriously entertained as soon as peace is averaged of forming a two

ing her almost boundless mineral wealth. The idea, we believe, is seriously entertained so soon as peace is arranged of forming a syndicate to proceed with the drainage of the great silver mines of Serro de Pasco, which have been choked up with water since 1824. That such an undertaking should ever be contemplated shows that there is a strong belief in the future of Peru, and it is to be hoped that before very long the peace of that part of the world will be restored, so that the unfortunate Republic may be in a position to avail herself of the numerous channels through which, by developing her underground treasures, she can reap the profit of that which now

avail herself of the numerous channels through which, by developing her underground treasures, she can reap the profit of that which now lies ungotten and unwon.

Considering what we have said above as to the richness of the coal mines in the Pas-de-Calais, it is surprising to gather, as we do from the report by Consul Williams, at Rouen, who says nothing as to the export of coal, that none of the output comes through that port. That place also we are told has no exports of the crude metals, and there is little buying and selling, except pig-iron and tin; the copper, lead, tin, and zinc imported being reshipped for the being reshipped for the the copper, lead, tin, and zinc imported neighbouring foundries to Paris or the interior. From England and Spain the imports of lead in pigs increased from 800 tons in 1876 to 1558 tons in 1883, the imports of copper in ingots and sheets were in 1883 5539 tons, as against 2347 tons in 1876, and 2111 tons were exported in 1883. From Belgium in 1876, 980 tons; in 1883, 1350 tons were imported into Rouen, which exported in 1883 1174 tons. From England and Holland the imports of tin in ingots and pigs were 148 tons, and from Sweden and England of iron and steel 1534 tons were imported, as against 770 tons in 1877. From Scotland 1187 tons of pig-iron were imported. From the above figures it may be gathered that the increase of imports has been very considerable, in the case of lead for instance, five times the amount imported in 1876 coming into the port in 1883.

In Germany it appears that owing to the large exportation to America, and an enlarged consumption in Germany, the production of raw iron was in 1883 the highest ever known, amounting to 3,420,000 tons, but the value of the amount produced fell from 192,600,000 marks in 1882 to 180,900,000 marks in 1883, or about 192,600,000 marks in 1882 to 180,900,000 marks in 1883, or about 5 marks less per ton on the average. This falling off is supposed to be partly due to the efforts of Russia and France by prohibitive duties to keep out foreign ironwork, which necessitates branch manufactories in those countries, to which the raw iron is sent to be made into merchandise. England, who had been keeping up her production on a flat market, by trying to throw her accumulated supplies on the German market, beload to cause accumulated supplies on the German market, helped to cause this diminution in value. Over competition caused the copper works to be in an unfavourable position, and lead and zinc were in a materially worse plight. The silver produced in 1883 rose to 233,884 kilogrammes, but if the Latin Monetary Union be dissolved or the United States suspend their coinage of silver, the production of silver, in the opinion of Commercial Agent Smith, of Mayence, would become at once an impossibility in Germany. Altogether, the outlook for mining interests in that country seems to be anything but a pleasant one to contemplate. It is to be hoped that when we have authoritative reports as to the trade done in 1884, these gloomy forebodings of Mr. Smith, of Mayence, may prove to have been un

PURSUANT to an order of the High Court of Justice made in an action of HARFORD LURY, on behalf of himself and all others the holders of debentures of the PENNANT BARYTES AND LEAD COMPANY (LIMITED) against the PENNANT BARYTES AND LEAD COMPANY (LIMITED) and others, whereby it was ordered that an account be taken of what is due and payable for principal and interest to the plaintiff and the other holders of debentures issued by the said Pennant Barytes and Lead Company (Limited) under a certain deed of the 16th May, 1933. All persons claiming to see holders of mortgage debentures of the said Pennant Barytes and Lead Company (Limited) are required on or before the 14th April, 1885, to send their names and addresses, the amount, and distinctive numbers of their debentures and other particulars of their claims, and the names and addresses, the amount, and distinctive numbers of their debentures and other particulars of their claims, and the names and addresses of their solicitors (if any) to Messra, Robuss, Camenon, and Kemm, are by themselves or their solicitors to COME In and PROVE heir said CLAIMS at the Chambers of the Vice-Chancellor Bacov, at the Royal Courts of Justice, Strand, London, at such time as shall be specified in such notice, or in default thereof they will be excluded from the benefit of any distribution of the proceeds of the property charged by the said debentures before such claims are proved.

Monday, the 20th day of April, 1885, at 12 o'clock at noon is appointed for

proved.

Monday, the 20th day of April, 1885, at 12 o'clock at noon is appointed for hearing and adjudicating upon the claims.

E. LIONEL CLARKE, Chief Clerk.

Dated this 7th day of March, 1885.

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In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

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IN re MENGERN AND COMBELLACK MINE.

TO BE SOLD, pursuant to an Order or Decree made in above Cause, dated the 15th day of August last, and under the direction of the Registrar of the said Court, by PUBLIC AUCTION, at the above-named Mine, in the parish of Wendron, within the said Stannaries, on MONDAY, the 23rd day of March instant, commencing at Eleven o'clock in the forenoon, in lots, and subject to such conditions as shall be then and there stated, the undermentioned

Subject to such conditions as shall be then and there stated, the undermentioned MINING MACHINERY, MATERIALS, and EFFECTS, viz.:—

16 head stamps with axle, 140 fathoms of flat rods, horse whim and fittings complete, 50 fathoms steel wire rope, 140 fathoms of issunders, 3 round buddles, with 6 feet water wheel, 2 smaller water wheels, 1 drop screw about 9 feet long, and 11 ½ screw and loop, crab winch with 40 fathoms of chain, 44 sheaves, 2 whim kibbles, 12 stamps, slips, screwing stock, anvil, vice, double iron block, iron block, iron tubek, iron tubek, wood sheds, blasting powder, safety fuse, miners' tools, steel, new and old timber.

Also the following pitwork now at surface:—3 10 inch pumps, 9 feet long, 2 4 inch ditto, 6 feet ditto, 1 9 inch door piece, 1 9 inch H piece, 1 windbore, 19 inch plunger pole, case, stuffing box, and glands, 16 feet 9 inch wood rod, 10 feet 6 inch ditto, 20 feet 6 inch ditto, pair of strapping plates, 11 feet 3 inch iron rod, staples and glands, flange and sundry bolts, 2 pairs of loops and brasses, balance bob, door rings and pump rings, 23 feet iron stave ladders. Sundry account house furniture, and various other materials in general use in mines.

The above may be inspected on application to the Bailiff in charge at the Mine, and further particulars obtained at the Registrar's Office.

Plantiff's Solicitors.

Dated Registrar's Office, Truro, this 5th day of March, 1855.

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

IN the MATTER of the COMPANIES ACT, 1862, and of the WHEAL JEWELL MINING COMPANY.

ALL CREDITORS or CLAIMANTS of the above-named company who have not received notice from the Registrar of the said Court that their claims have been already admitted, are hereby required to COME IN and PROVE their several DEBTS or CLAIMS at the Registrar's Office, Turo, on THURSDAY, the 19th day of March instant, at 11 o'clock in the forenoon, or in default thereof they will be excluded from the benefit of any distribution made before such proof. And for the purpose of such proof they are to attend in person, or by their Solicitors or competent agents at the time and place above-mentioned.

FREDERICK MARSHALL, Registrar.

Dated Registrar's Office, Truro, the 9th day of March, 1885.

In the High Court of Justice in Ireland.

CHANCERY DIVISION-MASTER OF THE ROLLS.

BOROUGH AND COUNTY OF SLIGO.
WILLIAM POLLEXPEN, Plaintiff; ALEXANDER IRWIN MIDDLETON,
Defendant. RENTAL and PARTICULARS and CONDITIONS of SALE of VALUABLE PROPERTIES, held in fee-simple fee-farm, and for terms of years in and about the towns of Slign, Collooney, and Ballisodare, which will be SOLD BY PUBLIC AUCTION by

MR. ROBERT MAVEETY, Auctioneer, at his Auction Rooms in the town of Sligo, on FRIDAY, the 17th day of April, 1857, at the hour of Twelve o'clock noon, pursuant to the orders for sale in this Cause made on the 22nd day of June, 1863, and the 22nd day of April, 1864, comprising amongst the report to the report

ther property:—
Lor 9.—Lands of Abbeytown, containing 349A. 3B. 26½P. statute measure or thereabouts, held in fee-simple, situated in the Barony of Leney, and county of Sligo, held under Landed Estates Court Conveyance dated 30th day of April, 1872.

e yearly rental of this property at present is £327 14s. 1d., and the purchaser be entitled to the mining plant and valuable ore now lying on the surface. DESCRIPTIVE PARTICULARS.

DESCRIPTIVE PARTICULARS.

Lor 9.—This lot comprises very valuable fee-simple property, situate close the town of Ballisodare, a station on the Midland Great Western Railway, said county of Slige. It is let to solvent tenants at very moderate rents, portion of the property is let to a temporary tenant for grazing purposes on and will be given up at the end of the season. This portion comprises me valuable leads and zinc mines, which were partially opened and worked by tate firm of Middleton and Pollexfen. This lot also comprises the mining pla late firm in working the said mines, as well as a large quantity valuable silver, zinc, and lead ore raised from the mines and now living on the surface. This portion of the property is situate on the Ballisodare Biver, while sufficiently close to the mine to enable workers to wheel ore, &c., on boat lighters with a barrow if required. This property has been very much improve Besides £50 borrowed from Board of Works, some hundreds more were expend in draining, levelling, and making new fences, and otherwise generally improving the lands.

For rentals, conditions of sale, and further particulars, apply to CHARL SELLEL, Egg., Solicitor for the defendant, 65, Lower Gardiner street, and Slig

ing the lands.

For rentals, conditions of sale, and further particulars, apply to GHARLES SELLEY, Eq., Solicitor for the defendant, 65, Lower Gardiner street, and Silgo; Messrs. HAMILTON and CHALG, Solicitors for the plaintiff, having carriage of the sale, 30, South Frederick-street, Dublin; or to Mr. ROBERT MAYETY, the auctioneer, Silgo.

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this country for his health, is about to return to that Republic, and is prepared to INSPECT, SURVEY, and faithfully REPORT ON Mining or other Properties on reasonable terms. Having had over 18 years' experience in the country, he is consequently able to give an opinion likely to be of value to those who may honour him with their commission.

Present Address: St. Agnes, Cornwall. After the 28th February.

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WANTED, for Levant Mine, an ENGINE of from 24 to 30 inch diameter cylinder suitable for Pumping and Winding.
Also BOILER of about 10 tons, and fittings. Price and particulars to be sent to the Purser, Mr. B. White, Trewellard, St. Just. Dated March 3rd, 1885.

TANTED, a first-rate CALAMINE or ZINE ORE MINE, either at home or abroad, from which a regular supply of ore may be obtained for an important smelting works. Address, with all particulars, to "A. Z.," MINING JOURNAL Office, 26, Fleet-street, E.C.

WANTED, a FEW CAPITALISTS to join in SECURING some very valuable GOLD MINING and LAND PROPERTIES, from which large profits can be made.

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A YOUNG GENTLEMAN, who has had 21 years practical experience of Metalliferous Mining, is OPEN to an APPOINT-MENT at home or abroad. Thoroughly good surveyor and drasghtman; also qualified assayer; excellent references and testimonials. Address, "W. A. G.," MINING JOURNAL Office, 26, Fleet-street, London, E.C. Address, "London, E.C.

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#### BRITISH DIVIDEND MINES.

Shares. F	trid,	L	est wik. Cl	ss, pr. Total	ting, Per	sh. Last pd.
12000 Bedford Unit., c, Tavis. (£1 Hab.) 0	14	0	136 1	156 0 1	0 0 2	0Nov. 1884
6000 Carn Brea, c, E, Illogants	15	5	3 3	314 52 11	8 0 10	0Nov. 1881
4000 Craignant Bach," I, Cardigan 5		0		0 5	0 0 5	0Nov. 1882
1 1240 Devon Gt. Consols, c, a, Tavistock*† 1	0	0	136 136	116118 7		
4700 Dolcoath, c, t, Camborne 10	14	10	7168	70 41 13	9 0 1	6 0Feb. 1885
6400 East Pool, t, c, Illogan 0	9	9	421441	42 42 2	6 0 19	
12000 Great Holway, " /, Flintshire 5	0	0			0 0 7	6Sept. 1883
1:000 Great Laxey, !, Isle of Man*1 4	C	0	10 914	10 30 8	0 0 5	0Oct. 1884
6400 Green Hurth, I, Durham* 0	8		434 4	416 4 16	0 0 5	0July 1884
9830 Gunnislake (Clitters), t, c 2	2	0	89 36		9 0 2	0Mar. 1882
2d00 Isle of Man, I, Isle of Man* 25	0	0		83 5	0 1 0	0Sept. 1880
6000 Killifreth, & Chacewaters 4	11	6	134 34	54 0 14	6 0 2	0Nov. 1883
2 0000 Leadhills, 4 . Lanarkshire 6	0	0			0 0 1	6Sept. 1884
2500 Levant, c, t, St. Just	0			0 2	6 0 2	6Oct. 1884
400 Lisburne, 1, Cardiganshire 18	15	0		615 0	0 0 16	0June 1883
10000 Mellanear, c, Hayle* 2	C			1 2 4	3 0 0	6Jan. 1884
9000 Minera Mining Co., I, Wrexham* 5		0	7 6		2 0 2	6Aug. 1884
20000 Mining Co. of Ireland, cl, c, 1 7	0	3	156 1	156 . 24 0	0 0 2	6Jan. 1880
1829 North Hendre, !, Wales 2	10	0	-70	3 18	0 0 4	0Nov. 1882
8146 Ditto 1	7	6		0 11	3 0 2	0Nov. 1882
12000 Phonix United, t, c. Linkinhornes. 6	6		114 11/6		6 0 1	6Apr. 1883
13000 Roman Gravels, I, Balop* 7	10	0	336 3	314 9 13	6 0 2	0Sept. 1884
5123 South Condurrow, t, c, Cambornet 7	5	7		834 11 13	6 0 5	0Jan. 1885
9000 South Darren, I, Cardigan* 1	10	3	6s 4s.	68 ] 4	0 0 2	0Apr. 1880
6000 Tincroit, c, t, Pool, Illogants 14	12	6	614 6	614 51 3	6 0 5	0Dec. 1881
15000 Van, l, Llanidloes" (in hq.) 4	6	0	11/16 . 9/18	11/16 25 13	0 0 2	6Jan. 1883
6000 West Basset, c, Illogant 7			3 252	3 28 3	8 0 6	8Apr. 1882
6000 West Kitty, t, St. Agnes 0			10 9	91/4 3 9	0 0 8	0Nov. 1884
6000 Wheal Agar, t, Illogan 19	6	0	191419	20 1 13	0 0 2	6Mar. 1885
12000 Wheal Crebor, c, Tavistock 2		0			3 0 2	0Nov. 1383
1024 Wheal Eliza Consols, t, St. Austell., 18	0	0		59 10	0 0 10	OAug. 1884
6006 Wheal Grenville, t, Camborne 15	0	0	7 634	7 2 5	0 0 2	6Dec. 1884
4295 Wheal Kitty, t, St. Agness 8 1	12	0	1 16	34 12 18	6 0 1	6Jan. 1881
2000 Whea: Peevor.t. Redruths	16	0	34 34	84 8 13	6 0 4	0 Mar 1001

#### PODEION DISTRIBUTE MINER

FOREIGN	D	IVIE	KND M	INES.					
3 000 Alamillos, 2, Spain*†	2	0 0	. 116 11	¥ 114	2 17	7 11 5	1 1	3Mar	1885
1:0000 Almada and Tirito Consol., s*t	1		3/10 1/1	a 3/10	9 6	3 0		0 May	
20000 Australian, c, South Australiaf	7	7 6	2 11	4 2	1 11	0 0	1		
15000 Birdseye Creek, g, California"	4 (	0 0	136 15	6 1%	1 9		2	0 Dec.	
30000 Bratsberg, c, Norway!		0 0	13/16 5	94	0 4		1	21/4 Mar.	1884
30000 California, g, Colorado		0 0	5/6 4/	6 5/6	0 3		1	0Aug.	1884
120000 Cape Copper Mining, "   South Africa			38 34	36			0	0 Mar.	1885
65000 Colorado United, s-l Colorado" t		0 0		\$ 21/8	0 14		1	0May	1883
50000 Copiapo, c, Chili* (24 shares)†	3 1		21/8 15		2 7			6Dec.	
32200 El Callao, g, Venezuela (foreign) 4			7065		36 16			0Nov.	
70000 English & Australian, "tc, S. Aust	2 10				3 2	9 0	1	0 Mar.	
2000 EngAus., g, Vict.* pref. (20000 o.)	1 0			***	0 3	8 0	3	8Apr.	
25000 Fortuna, I, Spain*t	2 0				8 17	1 0	2	10Mar.	
72000 Frontino & Bolivia, g, New Gran."1	2 0	0	34 5	16 16	0 12	0 0	1	ODec.	
10000 La Plata, s-l, Leadvillet	1 (		4/6 3/6	4/6	0 6		0	7% Oct.	
20000 Marbella Iron Ore, *, Spain 1	3 0	U	314 314	334 1	0 10	10 0	3	6Mar.	
135164 Mason & Barry*c, Portugal	0 0		214 134		4 3	0 0	8	0June 0Oct.	
600000 Montana,* g., U.S.A.	2 0		856 834	156			0	8July	
125000 Oxford, g, Nova Scotia (foreign)	D 4				0 1	31% 0	0	15 Mar.	
80659 Quebrads.Rail., Land, & Cop. Venezuel 1	0 0	0	314 3			ner cent		A 74 JALIES .	
50000 Panulcillo, c, Chili*†	4 0		236 236	25%	2 0		2	0May	
25000 Pitangui, * g, Brazil (in. 6000 £1 pd), 0	18	0			0 1		1	0Bept.	
14000 Pontgibaud, s-1, Francet 20	0 0		436 436			1 0		3Dec.	
100000 Port Phillip, g, Clunes*† (£2 shares)	1 0	0	3/10. 3/10	3/14	1 14			10 Feb.	
50000 Rara Fortuna, s, Argent. Republic.	1 0			2.00	0 3		1	0July	
54000 Richmond Consol., s, Nevada*†	5 0	0	314 314		5 1	6 0	5	0Nov.	
2:000 Rio Finto, c, Mortgage Bds., Huelva. 100	0 0	0	101 99			er cent.		Jan.	
13:5000 Ditto, shares 10	0	0	12141076	111/4	4 16	00	10	UNov.	1884
60000 Santa Barbara, g, Brazil	10	0	139 156				1	0May	1882
12000 Schwabs Gully, d, Kimberley foreign) 10		0	5 41/2			6 0			
1:0000 Scottish-Australian Mining Co. 1 1	1 0	0	236 236	276 2		cent. 0	2	0Oct.	
10000 Ditto, New	10		11/4 11/4			cent. 0		0Oct.	
1:2500 Sierra Buttes, g, California*f 2	0	0	134 1			0 0		6Oct.	
140625 Ditto, Plumas Eureka 2	0	0	1 76	13/8 3				6Oct.	
253000 St. John del Rey*1(£5 Stock and multi 160000 Tambracherry, g, Wynaad	pie							ear, June	
625000 Tharsis, c, sul, Spain (587330 issued) † 2	0	0	5/19 \$ 14					6Aug.	
14000 Tolima, g, s, Colombia (Ashares) 5			5% 5%	534 6		6 0 1		0May	
6000 Ditto (B shares) 5	0	0	314 3	214 1		3 0		0Jan.	
	0	0						8Feb.	
124321 United Mexican, 1; s, Mexico 9	17	6	11s 9s. 354 354	31/4 0				6Nov.	
1000000 Victorine (Nevada, U.S.) Deb. Bds 1	0		378 378			6 0		6Nov.	
15000 Western Andes, s, Colombia 5	0	0	5 454		16	3 0 1	0	6Aug.	
2100 W. Prussian (5500 pref. sh. £10 pd.) 10	0	0		4	2	00		O.Apr.	
51800 Yorke Pen., c, South Aust. Pref.t 1	0	0	3/10 1/10	3/4 0					1882
Have made calls		on last	dividend						
				,	-				

	NON-DIVIDEND BRITISH MINES.	1
	Shares.   Prid. Last wk. Clos. pr.   12000 Anderton, t. c. i, Devonshire	8
	3200 Rlue Hills t, c, 8t. Agness	5 6
	12000 Collacombe Consols, c, bl, Lamerton 0 2 6 34 36 36 5000 Carn Camborne, *t, c, Camborne 1 0 0 36 36 36 37500 Carnarvonshire Cons., *t, Llanewst. 2 0 0 36 13 36 6400 Cashwell, *l, Cumberland 1 2 19 0 136 13 36 6600 Cathdedral, c, t, Gwennap 1 1 16 0 20000 Central Poxdale, *t, Isle of Man 1 18 6 1 20000 Central Poxdale, *t, Isle of Man 1 18 6 1 0 0 136 136 136 136 136 136 136 136 136 136 136	3 4 2 1 1 1 1 1 360
	6000 Deer Park, c.t., Stoke Climsland	30 50 40 50 6 42 5
	12000 East Blue Hills, t, St. Agnes 0 6 0 36 6 8.8 8 6000 East Botallack, t, St. Just 1 2 6 5 6 144 East Daradon, c, St. Cleer; 5 4 6 34 13 1/8 15000 East Devon Cons., t, Buckfastigh 2 0 0 56 56 56 56 20000 East Long Rake, t, Wales 1 0 0 5 5 56 56 20000 East Roman Gravels, t, Salop 1 0 0 5 5 56 56 20000 East Wan, t, Liandidoes 5 0 0 5 5 0 5	6 30 6 30 40 12 6 50
	12500 Frongoch,* i, Cardgn (11000 sh.iss.) 2 0 0	100 8 10 120 120 120 100 120
	8400 Hardshins,* l, Westmore. (10s. sh.) 0 7 8 1 ½ 1 1200@ Herodafoot, l, near Liskeard 1 1 6 0 3 ½ ½ 1 18000 Hingston Down, c, Calstock* 1 0 13 0 3 ½ ½ 15000 Holywell District, *l, Flintshire 1 0 0 1½ ½ 1 15000 Holywell District, *l, Flintshire 1 0 0 1½ ½ 1 12	300 200 120 60
	25000 Kit Hill Gt. Cons.*c, ars-m, (2l. sh.) 1 2 8 36	51 61 30 24 61
-	20000 Mostyn Oonsois," s-f., Flint	40 30 500 120 25 500 122
	2000 New Caradon, c, St. Cleer	120 120 120 20 300 600 403 2186 6006 400
1	2000 New West Caradon, c, Liskeard   0 8 0 2/6 1s. 2s. 3000 New Wheal Peevor, t, Redruth   0 10 0 10 10 0 2s. 1s. 2s. 3000 North Blue Hills, t, St. Agnes   0 2 6 2s   1s. 2s. 3328 North Blus, t, c, Scorrier   2 4 8 2s. 1s. 2s. 3000 N. D'Eresby Mount., t, t, t, Carnary 1 0 0 8	Lit

	NON-DIVIDEND MINES-continued.
	word North Levant, s, c, St. Just 14 13 8
	50000 North Molton, *c. mm, s. Devon 1 0 0 65000 North Treskerby, *c, St. Agues 1 0 0 8000 Northern, *l. Durham
	to t
	TOO ONE TOP, t, C, a, Calatock 1 0 0
	60000 Owen Vean & Tregur., *t,c, Marazion 1 0 0 624
	45000 Parys Corporation *c, Anglesea 1 0 0
	7500 Pateley Bridge. 1, X rkshire 1 0 0 10 14 6000 Pedn-an-drea, t, B druth
1	2000 Policiarregist, Carmarthenanire 1 0 0
	10000 Polberro, t, St. Agnes 0 3 0 2 24 24 24
Ì	10000 Port Nigel Syn, " s-l, Carnar. (4000 is.) 0 15 0 2 12
I	13000 Pr. Patrick, s-l, (als.12000 pf.10 p.c) 1 0 0
į	20000 D 11 77 14 2 7 7 15 14 2 7 7 15 15 15 15 15 15 15 15 15 15 15 15 15
Ì	36000 Russell United,*c, Tavistock 0 9 8
	30000 Silver Hill, "Callington 1 0 0 50000 Sinclair," i, bi, Whitford 1 0 0 50000 Sortridge, "c, Horrabridge 1 0 0 50000 South Cardon, "c, St. Oleer" 1 0 0 5000 South Cardon, "c, St. Oleer" 1 0 0 5000 South Cardon, "c, St. Oleer" 1 0 0 5000 South Cardon, "c, St. Oleer" 1 0 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1
	40000 Sinclair, "l, bl, Whitford 1000 Sortridge, "c, Horrabridge 1000 South Uaradon," c, St, Oleeri 1000 South Uaradon," c, St, Oleeri 1000 South Uaradon, "c, St, Oleeri 1000 South Uaradon," c, St, Oleeri 1000 South Uaradon, "c, St, Oleeri 1000 South Uaradon," c, St, Oleeri 1000 South Uaradon, "c, St, Oleeri 1000 South Uaradon," c, St, Oleeri 1000 South Uaradon, "c, St, Oleeri 1000 South Uaradon," c, St, Oleeri 1000 South Uaradon, "c, St, Oleeri 1000 South Uaradon," c, St, Oleeri 1000 South Uaradon, "c, St, Oleeri 1000 South Uaradon," c, St, Oleeri 1000 South Uaradon, "c, St, Oleeri 1000 South Uaradon," c, St, Oleeri 1000 South Uaradon, "c, St, Oleeri 1000 South Uaradon," c, St, Oleeri 1000 South Uaradon, "c, St, Oleeri 1000 South Uaradon," c, St, Oleeri 1000 South Uaradon, "c, St, Oleeri 1000 South Uaradon," c, St, Oleeri 1000 South Uaradon, "c, St, Oleeri 1000 South Uaradon," c, St, Oleeri 1000 South Uaradon, "c, St, Oleeri 1000 South Uaradon," c, St, Oleeri 1000 South Uaradon, "c, St, Oleeri 1000 South Uaradon," c, St, Oleeri 1000 South Uaradon, "c, St, Oleeri 1000 South Uaradon," c, St, Oleeri 1000 South Uaradon, "c, St, Oleeri 1000 South Uaradon," c, St, Oleeri 1000 South Uaradon, "c, St, Oleeri 1000 South Uaradon," c, St, Oleeri 1000 South Uaradon, "c, St, Oleeri 1000 South Uaradon, "
l	6000 South Cardon, c, St. Cleert 1 0 0 15 7.
l	6000 South Carbis, t, c, Redruth
l	5000 South Dolcoath, c, t, Illogan
Ī	6000 South Kitty, t, St. Agnes
ŀ	30000 Bo.Phonix&Caradon, *t,c,Linkinhn. 1 0 0 3 3 6000 Bouth Tolcarne, t, c, Camborne 5 11 8 3 3
ì	2043 South Wheal Crofty, c, Illogan 7 4 8 3
l	6000 South Wheal Frances, t, Illogant 11 4 4 104 36000 Standard, t. bt., Llanrwst 1 0 0 184
	40000 Tamar, s-l, Bearalston 1 0 0 128 [1]
	100000 Tresavean, * t. c. Gwennan
	otto frevaunance, c, St. Agnes 0 10 0 214
	1000 Vaugnan, 1, Cardiganshire 10 0 0
	60000 Woondale # / Worthwest cat t
	12000 West Caradon, c, 8t. Cleer 0 11 6 4 IL 30000 West Cornwall, * t, Cornwall 1 0 0 14 IL 12000 West Crebor, c, Tavistock 0 13 0 4 1 1
	12000 West Crebor, c, Tavistock
	10000 West Godolphin, t, c, Breage 1 3 g 7
	12000 West Gonamena, c. St. Cleer 0 1 0 X1 20000 West Lisburne, t, Cardigan 1 0 0
	3000 West Mary Ann, J. Menheniot 1 18 0 4 2000 W. Pateley Bridge J. Yorkshire
	20000 W. Pateley Bridge, I, Yorkshire 1 0 0 % 12000 West Phænix, I, Linkinhorne 1 7 5 W
	5190 West Politice, St. Day
	2000 West Wheal Feavor, t, Redruth 4 17 6 24 24 24 24 25 26 27 24 25 26 27 27 27 27 27 27 27 27 27 27 27 27 27
	2100 Trade to treat december, Camborners 21 0 0 412
	4000 Wheat Benny, t, c, Latenley 5 0 0 7
	3000 Wheal Boys, t, Redruth 1 3 6 1 50000 Wheal Castle, t, t, St. Just 1 0 0 1
	50000 Wheat Castle, * c, t, 8t. Just
	2585 W.Comf., & No. Tres., t, c, Gwennap 2 2 0 4 4 50000 Wheal Elizabeth, *t, Cornwall 1 0 4 4
	50000 Wheal Elizabeth, * t, Cornwall 1 0 0 21 12288 Wheal Jane, t, Keal 311 0 21 21 12000 Wheal Jeweil, c, St. Hilary 3 11 0 21 21
	12000 Wheat Lucky & Callington
	12000 Wheal Lusky, t, Callington 0 5 9 34 4 12000 Wheal Metal and Flow, t, Breage 0 2 6 4 4
	20000 Wh Silver & Lantagles & 1 Committee
	30000 Wh.Silver & Lanteglos, sl, Camelfd. 1 0 0 % %
,	4050 W 1081 Chy, s, t, neutritin
-	
1	\$3000 Yeoland Consols, * t, Devonshire 0 12 8 4000 Ystwith, * t, Cardigan 1 0 0
	AR ARE

bl, blende; c, copper; g, gold; l, lead; s, silver; sl, slats.
s-l, silver-lead; t, tin; z, zinc; i, iron; a, arsenic; d, diamosl, "Limited Liability Companies; † quoted on the Stock Exchange." I have pa d dividends

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Stares.		id. Clos pr	Issue, Shares, Pd. Clos. pr.
150000 Akankoo, g. Gold Cst. (1940) 54859 Anglo-African, d. Kimberley 12000 Arendal, c. Norway 20000 Asia Minor, s.l, Lidjessy, Bi	00 iss.) 1 7,1 10 vas 0 1	0 0 1 1%	49150 10 Aus. Mort. & Agency [L] Eng. 1ssue 2 2\% 2\% 2\% 2000 25 Australian Agricultural 21\% 120 125
120000 Balkis,* g, Transvaal	paid) 5 ( Wales 1 ( .pd) 2 (	0	263425 10 Canada North West Land Co LL 5 136 25
180000 Callao Bis, g, Venezueia  182500 Canadian, e, sui, Canadat  100000 Chile, g, Venezueia (New)  125000 Chontales, g, s, Nicar. 1 (108  75000 Colombian Hydraulic, g, Col	749 (se) 1 (	0 1/10 3/10 0 80. 70. 0 1/10 3/10	110675688k Do. Deferred
00000 Devala Moyar, *g, Wynaadt 75000 Devala Provident, *g, Wyna 25000 Don Pedro North del Rey*	adt 0 10	0 ½ ¾ 0 0 2s. 3s.	100000 10 Manitoba Mort. & Invest. [L] 1 3% % 3%
214 00 Eberhardt, s, Nevada*† 65000 Eureka, s, Nevada	1 0	2 2/ 3/	200000 Stk Scottish Australian Invest. [L]100221 235
40000 Georgia, g, United States 65000 Gold Coast, g, Wassau 40000 Gold Hill, g, North Carolins	1 1 G	0	200000 8tk Do. 6 per cent. do
20000 Hoover Hill, g, North Carol	ins 1 0	0 4/ 6/	
550000 Indian Consolidated, g	1 0		INSURANCE COMPANIES.
550000 Indian Consolidated, g 240(00 Ind. Glenrock, g, Wynaad; 100 (0 Iron Gate*cl.chr. Hungary 100000 I.X.L., g, s, California*	1 0 1 0		50000 100 Alliance British and Foreign 11 33 35
50010 Javail, g, Nicaragua*	2 0	0 35e 35e	10000 100 Ditto, Marine 20 22 24
100000 Kapanga, g. New Zealand .	1 0	0 3d. 9d.	550000 50 Commercial Union 5 15 16 16 16
100000 Kapanga, g, New Zealand 100000 Kohinoor, s, Cr orad 1200 0 Kongsberg, s, Norway	(14.) 0 5	0 5/ 6/8	5000 10 Globe Marine [L] 2 34 156
100000 La Trinidad, s, Sonora, Mexi- 5,0000 Lisbon-Berlyn, g, South Afri- 65000 London and California, g*11.	00 5 0 08 1 0	0516 836 0 36 5/2 0	87500 100 Imperial Life
1/0000 Michipicoten, sst. c, Quebec 20000 Moselle, l,b-l, Germany 35000 Mysore, g, India	1 6	0 0 0 134 15 <sub>0</sub>	40000 25 London and Lancashire Pive 214 434 514
75000 New Callao, g, Venezuels 78500 New Emma, s, Utah 30-000 New Potosi, g, Venezuelat . 180000 North Mexican s, Mexico 3000 Do. debentures do	1 0 10 G	0 4/ 5/ 0 36 36 0 36 36	50000   10   Londonand Provincial Marine   L  2   3   3   4   4   4   4   6   6   7   6   7   6   8   7   6   8   7   6   8   7   6   8   7   6   8   7   6   8   7   6   8   7   6   8   7   6   8   7   6   8   7   7   8   8
100000 Nundydroog, g, Mysore	1 0	9- 7/6 8/6	40000 25 Ocean Marine 6 4% 5%
50000 Oiathe, *s-f, Leadville, Oolora 25000 Ooregum, *g, Mysore	) 0 2 1 0	0 2/ 3/ 6 36 36 0 36 156 6 7/ 9/	2,0000   10   Queen     1   2   2   2   1   1   1   2   2
87000 Pestarena United, g, Italy*1 80000 Pierrefitte* (20000 pref.) 170000 Piacerville, g, q, California	3 0	0 36 0 36	4000   20   Standard Marine   4   4   1000   20   Thames and Mersey Marine   L]   2   10½   11½   4064   20   Union Marine, Liverpool   L]   3½   4½   5½   60000   20   Universal Marine   Li   3   7   7½
40000 flavensciff g, N. Zind; c, S. A 40000 flhodes Reef, g, Wynaad; 25300 fluby and Dunderberg, g, Nev	ust. 1 0	0 13/ 23/ 0 0 1/4 1/4	
250000 Sentein, * s-l, &l, Ariege, Fran	ee 1 0	0 56 36	TELEGRAPH COMPANIES.
250000 Sentein, * s-i, bl, Ariege, Fran 100000 Silver Chord, * s, Colorado 50000 Silver Peak, * s, Colorado	1 0	0 36 1	Saares, Pd. Clos. pr.
07363 So. Austral. Cop. Mines (Cor. 10000 South-East Wynsad, g. India: 100000 Spitzkop, g. Transvasi		0 36 36	8tk. Anglo-American
100000 Tocopilla, c. Bolivia	1 0	0 9/18 11/18	10 Direct Spanish 9 0 114 214
100000 Tocopilla, c, Bolivia	1 0	0 16 36	20 Direct United States Cable 20 0 9% 9%
200000 Victoria, g, Veneruela	1 0	0 8/ 10/	10 East. Exten. Austr. and China 10 0 1234 13
120000 Wentworth, g, Wynaad	0 16	9 56 36	10 German Union 10 0 9% 10
200000 Transvaal, g Bouth Africa. 50000 Virnberg, c, Rheinbreith, Gi 200000 Victoria, g, Venezueia 120000 West Oaliac, g, Venezueia 100000 West Caliac, g, Venezueia 100000 West Frintos & Boliv, g, Colu 20000 Wynaad Ferseverance, g, Columbia	mids 1 0	Mess 2/ 3/ 1	35 Indo-European 25 0 32 33
80000 Wynasd Perseverance, 1 9	1 0	2	10 London Platino Brazilian 10 0 3% 4%
\$0900 Tube River, of had California	milet 1 0	0 36	Stk, Submarine100 180 190
, y, y vandeling	******** * U	You.	United Telephone (L 5 0 10% 11

#### IRON AND COAL COMPANIES. Shares. Company.

100	Abbot, John, and Co	75	0		4434	44%	
20 50	Bagnall, John, and Sons [L] Benhar Coal Co. [L] Bilbao River& Cantabrian R. Co. Bolckow, Vaughan, & Co. [L] A Brown, Bailey, and Dixon [L]	10 10 12			634	71/4 91/6	
100	Brown, John, and Co. [L]	75	0	***	62	63	
10	Cammell and Co. [L]	10	0000	***	75 1/2 10 1/2	76 10	di
10	Consett Iron Co. [L] Consett Spanish Orc [L]	10 7	10	***	0 16 3¾	18 414	
20	Darlington Iron Co. [L]	18	10		116	12/10	
23	Ebbw Vale Co. [L] English Crown Spelter [L]	20	0	***	114	434	
8	Genl. Mining Ass. [L] (fur.pd.)	8	0		534	534	
	Knowles, Andrew, and Co. [L]	5	0		5	536	
10	Lydney & Wigpool Iron Ore [L]	20	12	100	236	276	
10	Midland Iron Co. [L] Monkland Iron & Coal Co. [L] Mwyndy Iron Ore [L]	10	0 0	***	236	3 14	
62%	Nant-y-Glo& Blaina(2p.c.prf.) Nerbudda Coal and Iron [L] Newport Abercarn Coal Co. [L]	62 23	0	***	39 156 856	42 176 936	
100 20 50	Parkgate Iron Co. [L]	35 65 14 50 20	0000	***	23¾ 64¾ 28¾ 25 7¾	24 65 14 29 14 30 8 14	
5	Rhymney Iron Co. [L]	8	0		36	156	
10	St. Helen's Coal & Clay Co. [L] Sandwell Park Colliery Co. [L]	10	0		96	40	
25	Sheepbridge Iron and Coal (L)	10 22 45	0 .		35 5 %	636	
100	Somorrostro Iron Co. [L] Staveley Iron and Coal Co. [L]	5 80	0 .		12 55 1/4 9 1/4	15 56 1014	
	Ditto ditto B l Teesside Iron & Engine Works	5	6	00	36	54 54	
35	Tredegar Iron and Coal, A [L]	15	0 .	00	181/6 17 256	19 18 31/4	
	W. Cumberland Iron&Steel [L]	22	0	00	4	5	

BANKS.

	GAS COMPANIES.
	Shares. Pl. Clos.
510000	20Habia[L]all 2
10000	5 Ditto New [ [ ]
29700	5Bombay[L]
20000	Mile Commercial Consolidated 100 000 0
20000	
10000	
23406	10European [L] all 2149
34850	Stk Gaslight and Coke, A, Ord 100 218 22 Stk Do, 4 per cent. Deb. Stock 100 107 13
5000	10Hong Kong and China all 17 1
2300000,	5tk [mperial Continenta]
12000	5 Maita & Mediterraneau [L] all 3k
100000	Metrop, of Melbournes p.c. Deb
10000	20Monte Video [L]all 15% 5Ottoman [L]all 5
30000	5Oriental[L]all. 8%
27500	
5000006	Stk Bouth Metropolitan. A
50000E	itk Ditte, ditto. B
	TRAMWAYS.
fraue. 3	Marce. Pl. Co.
40000	5Anglo-Argentine [L]all 54
12600	
3012	10 Birkenhood Ordinary All 13
3000	10 Ditto 6 percent Preference, \$1 ?
49600	
25000	10 Bordeaux Tram & Omnibus [L], all !]
30050	10 Calcutta [ ]
3200	10 Chester [F.]
54870	
28889 35000	10 Glassow Tramway & Omul. Lib. I!
10000	
8073	10 Hull Street Tramwaysall 3
17770	6Imperial [L]
3 890	10London [L]
20900	10London El
77000	10 London Street Tramways
7935	10 Nottingnam and Dissesses (25 all 7
24500 8000	AU E LOVINGIBLE [AJ]
	10Shemeld
6000	iobunderishid [11]
10000	10Swansea [L]all
14212	
	5 Tramways and Gen. Works [L]. all
40000	
25000	10 Vale of Clyde
8259 1	Wolvernampton [11]
	And the second s

#### MISCELLANEOUS.

Share	Company.	Po	- 1	
mare	Angio-American Brush	8	0	5
		10	0	
10	Ditto do.	25	0	16
50	Lon. & Glas. Engin. & Iron Ship	1	0	- 3
- 1	Maxim-Weston Electric	2	10	17
1.0	Nevada Land and Cattle	*0	0	17
10	Noble's Explosives [L]	10	D or	
6	Swan United Electric		0 144	34
12	Tel. Con. & Maintenance [L]	12		1
10	United Ashestos	111	0	11
10	Young's Paraffin Light & M.O.	8	0	-
10	Toung's Patamin righter with		2	-

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